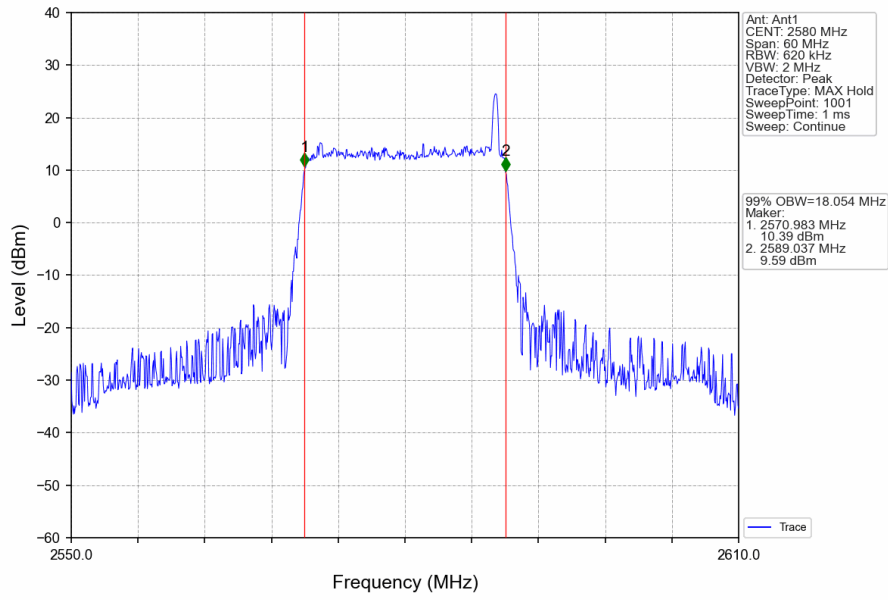
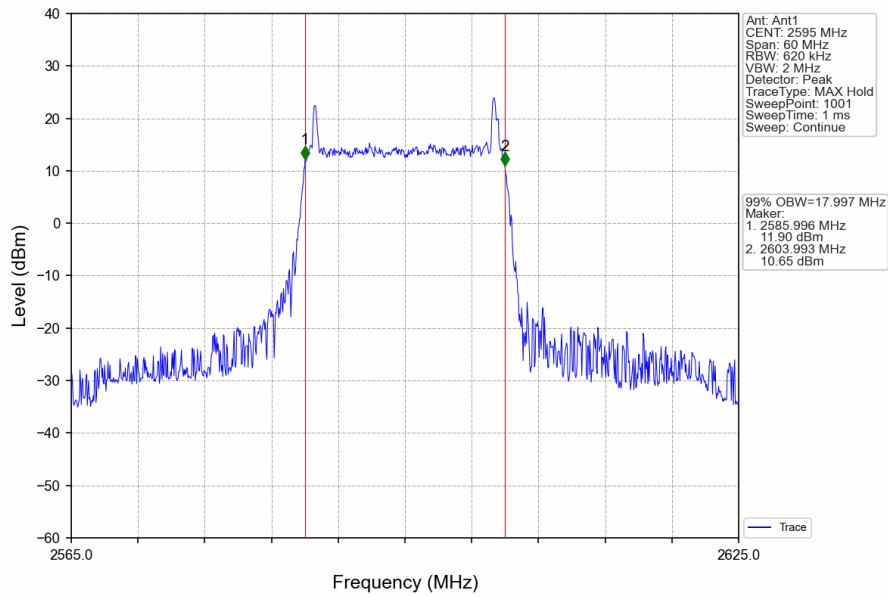


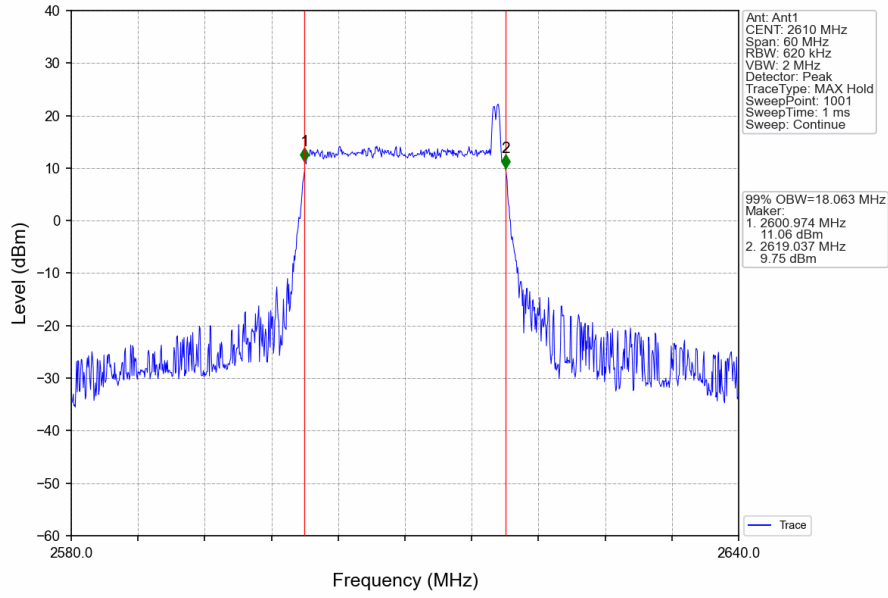
Band38_20MHz_QPSK_LCH_2580MHz_RB_100_0_NTNV



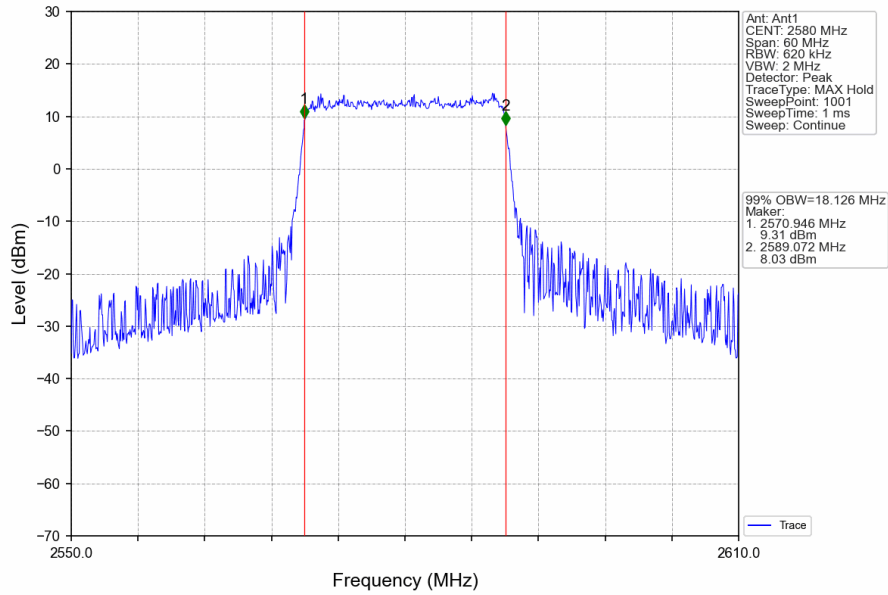
Band38_20MHz_QPSK_MCH_2595MHz_RB_100_0_NTNV



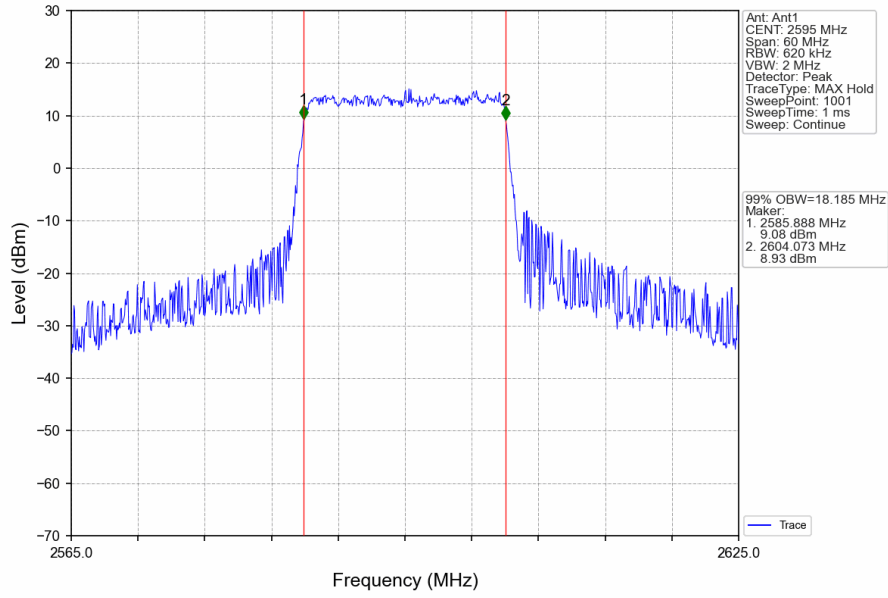
Band38_20MHz_QPSK_HCH_2610MHz_RB_100_0_NTNV



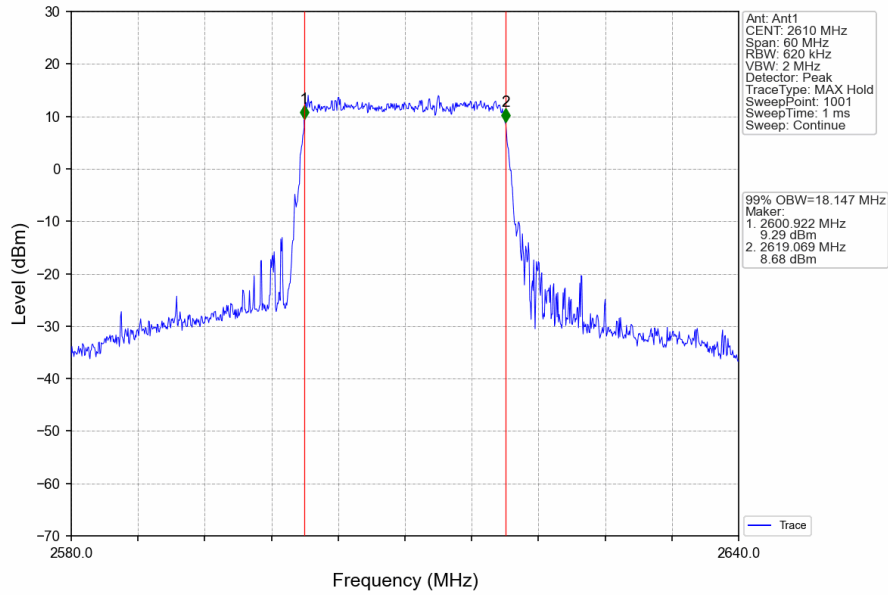
Band38_20MHz_16QAM_LCH_2580MHz_RB_100_0_NTNV



Band38_20MHz_16QAM_MCH_2595MHz_RB_100_0_NTNV



Band38_20MHz_16QAM_HCH_2610MHz_RB_100_0_NTNV

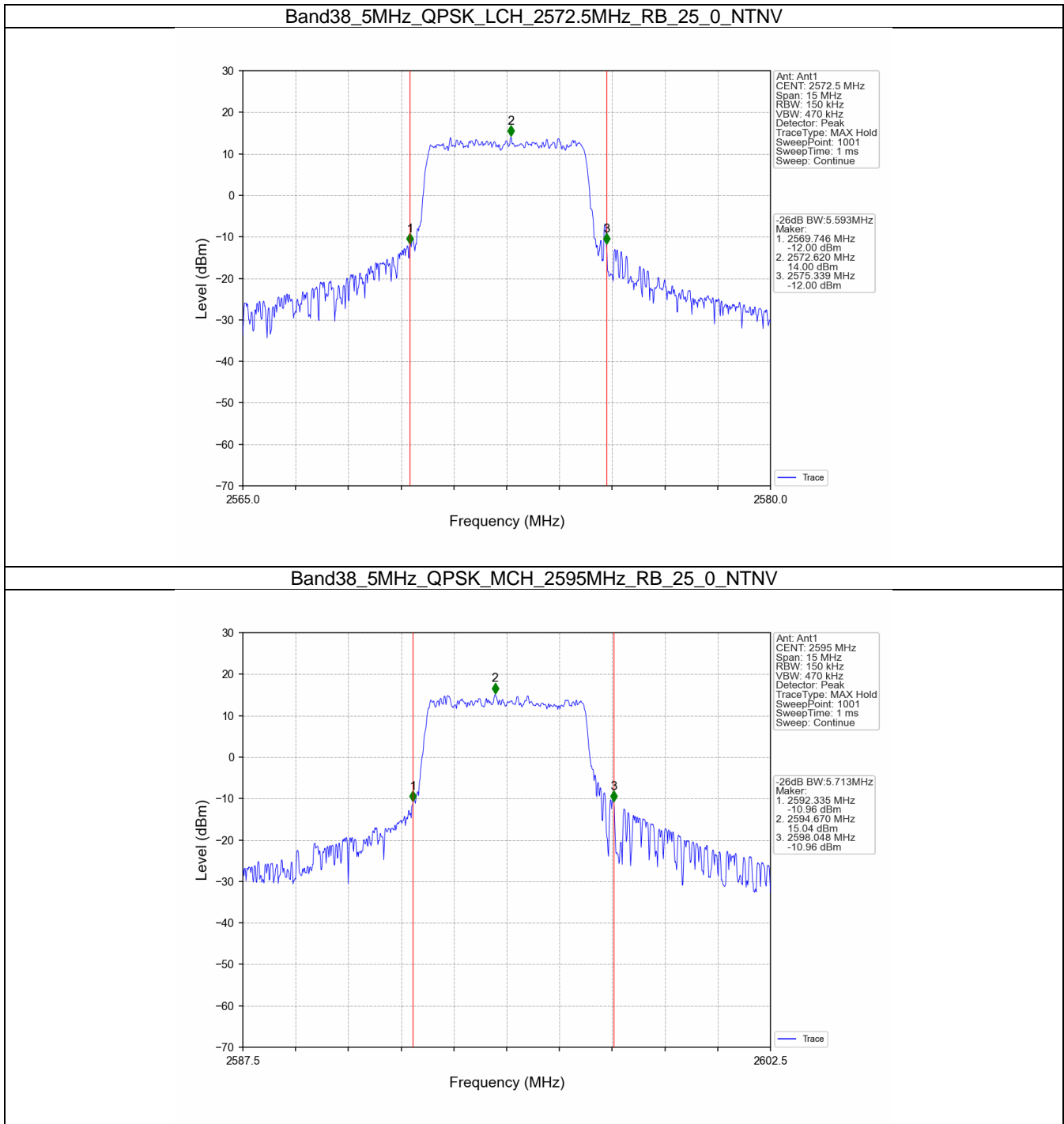


2.2 Band38_XDB

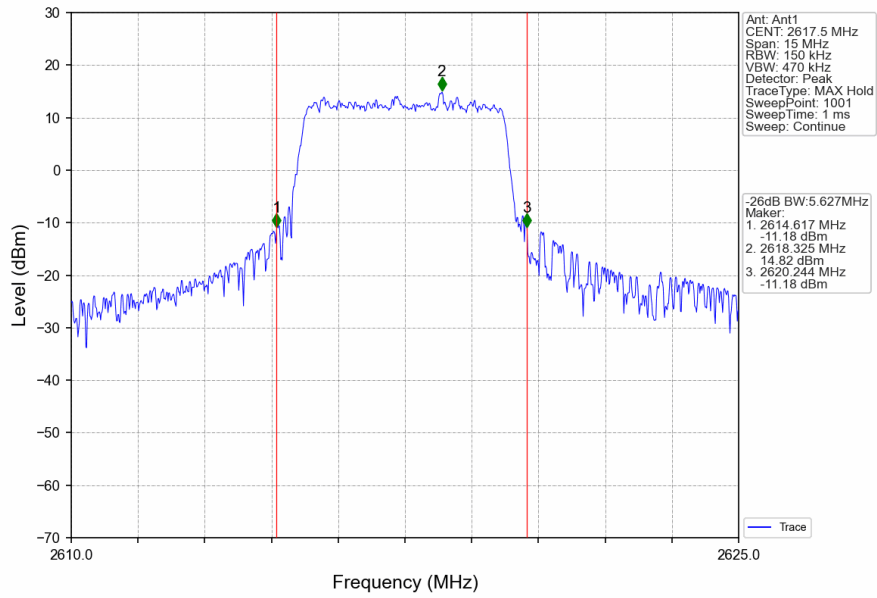
2.2.1 Test Result

Band: 38 / NTNV						
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)	Verdict
			Size	Offset	Result	
5	QPSK	2572.5	25	0	5.593	Pass
		2595	25	0	5.713	Pass
		2617.5	25	0	5.627	Pass
	16QAM	2572.5	25	0	4.902	Pass
		2595	25	0	5.304	Pass
		2617.5	25	0	5.965	Pass
10	QPSK	2575	50	0	10.343	Pass
		2595	50	0	10.209	Pass
		2615	50	0	11.414	Pass
	16QAM	2575	50	0	10.478	Pass
		2595	50	0	10.297	Pass
		2615	50	0	10.760	Pass
15	QPSK	2577.5	75	0	15.412	Pass
		2595	75	0	15.354	Pass
		2612.5	75	0	16.189	Pass
	16QAM	2577.5	75	0	14.379	Pass
		2595	75	0	16.071	Pass
		2612.5	75	0	15.741	Pass
20	QPSK	2580	100	0	19.138	Pass
		2595	100	0	19.276	Pass
		2610	100	0	19.447	Pass
	16QAM	2580	100	0	21.558	Pass
		2595	100	0	21.897	Pass
		2610	100	0	20.349	Pass

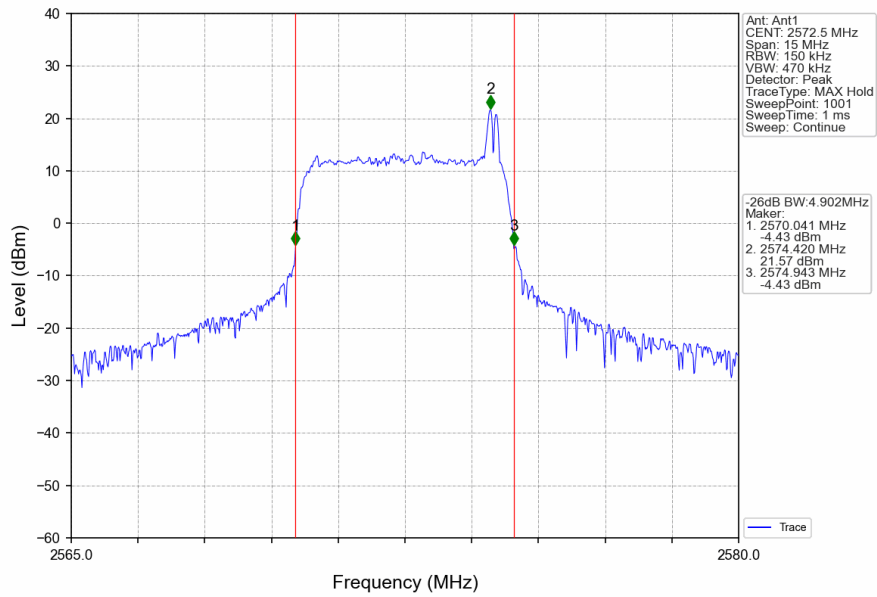
2.2.2 Test Graph



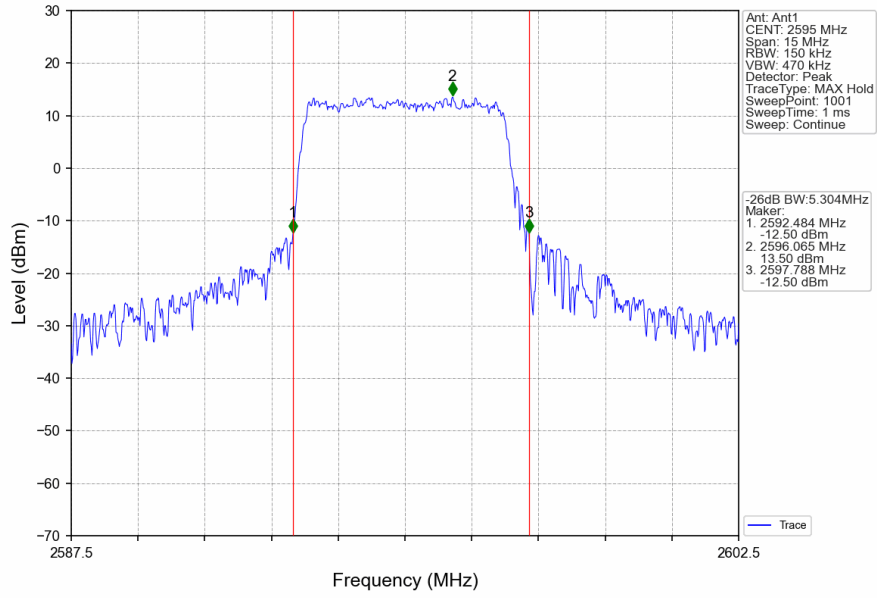
Band38_5MHz_QPSK_HCH_2617.5MHz_RB_25_0_NTNV



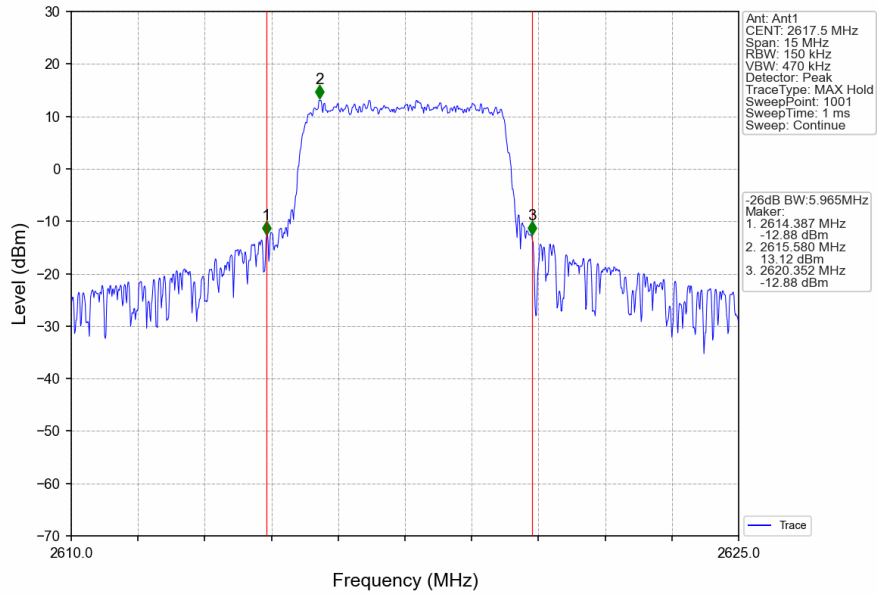
Band38_5MHz_16QAM_LCH_2572.5MHz_RB_25_0_NTNV



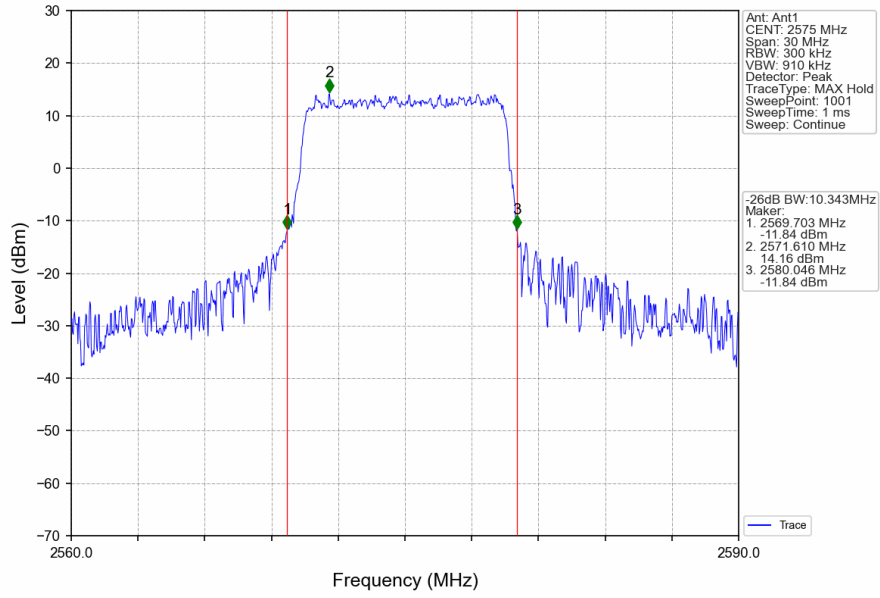
Band38_5MHz_16QAM_MCH_2595MHz_RB_25_0_NTNV



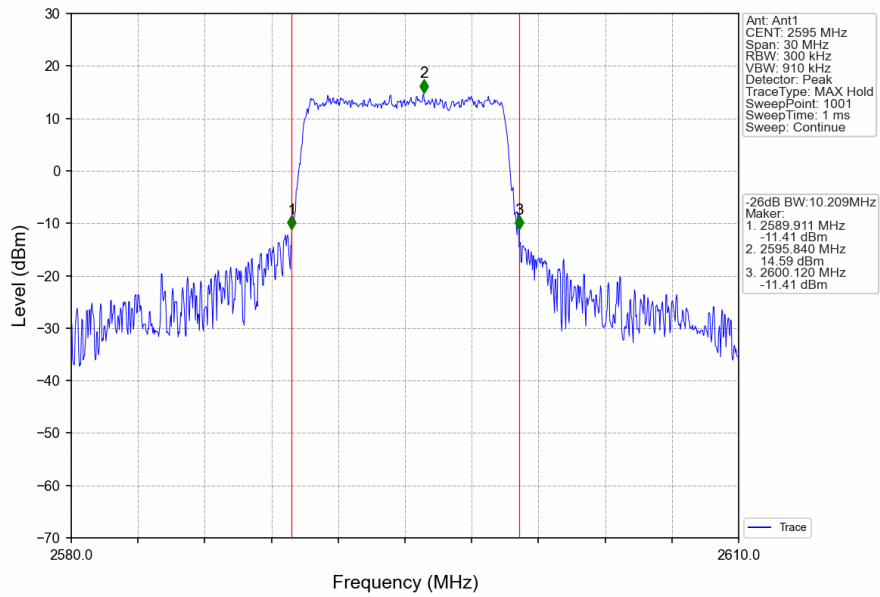
Band38_5MHz_16QAM_HCH_2617.5MHz_RB_25_0_NTNV



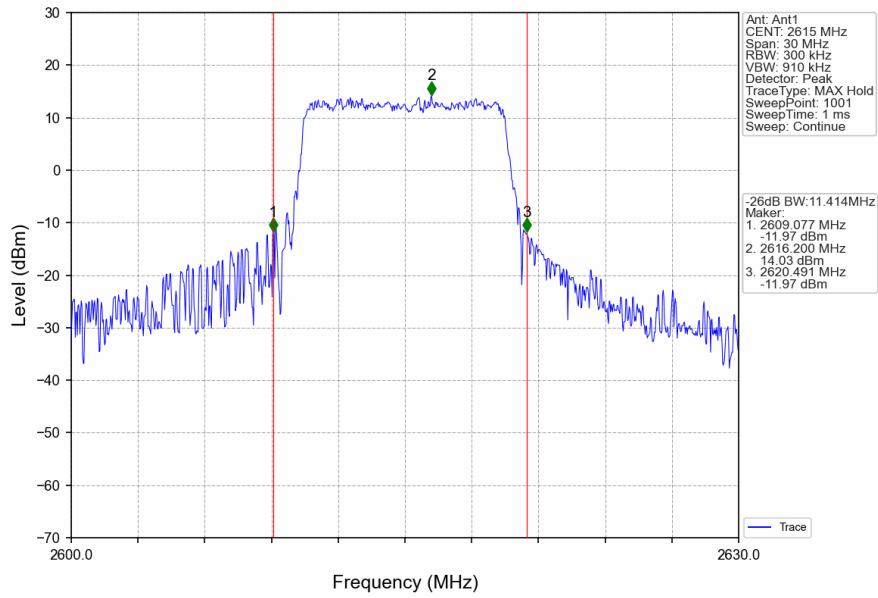
Band38_10MHz_QPSK_LCH_2575MHz_RB_50_0_NTNV



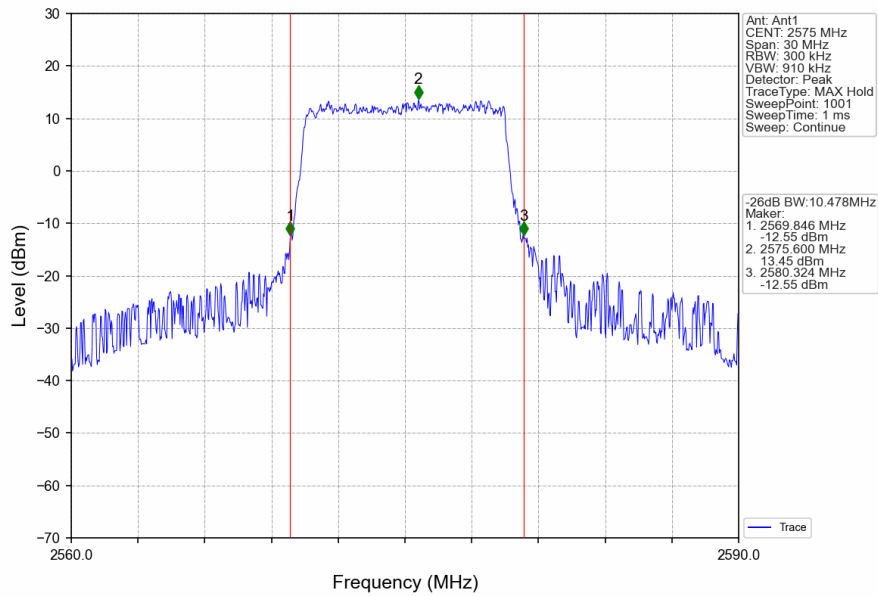
Band38_10MHz_QPSK_MCH_2595MHz_RB_50_0_NTNV



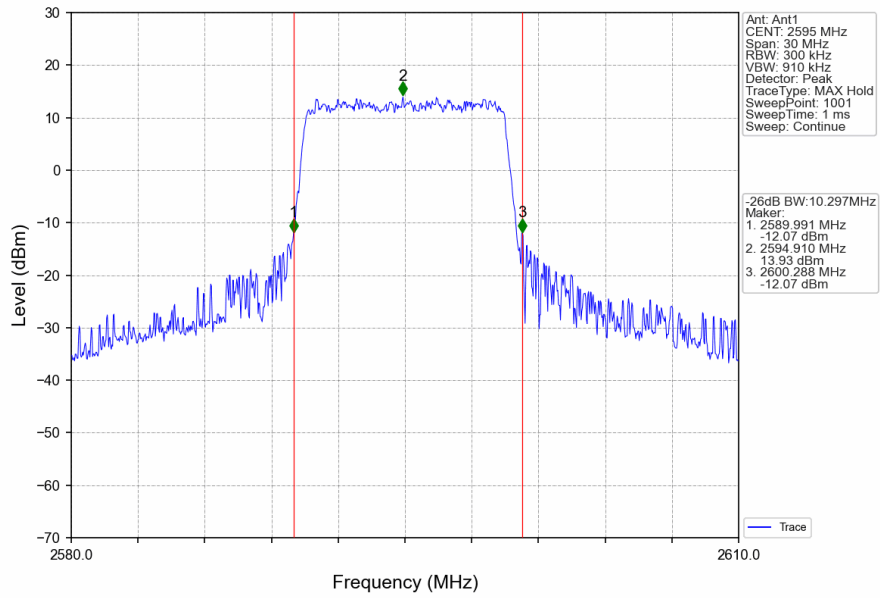
Band38_10MHz_QPSK_HCH_2615MHz_RB_50_0_NTNV



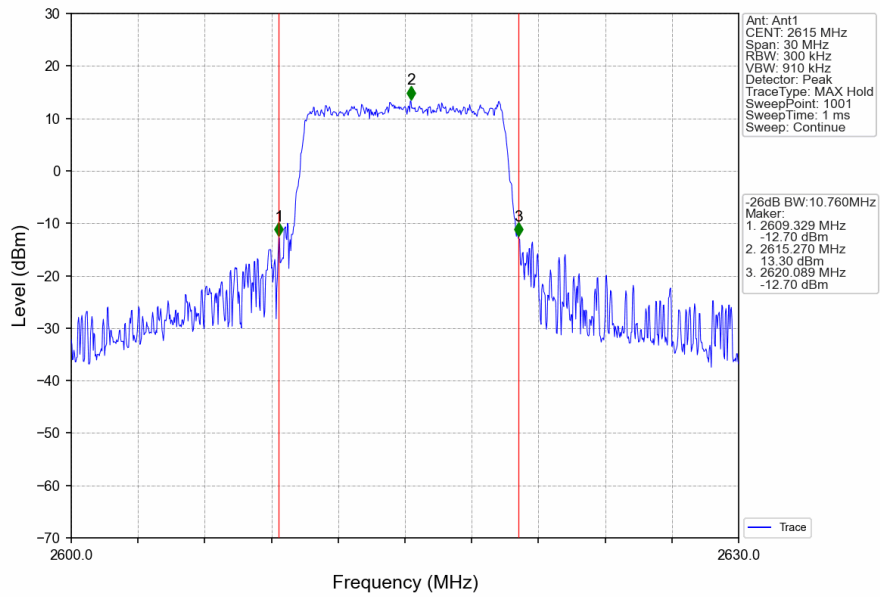
Band38_10MHz_16QAM_LCH_2575MHz_RB_50_0_NTNV



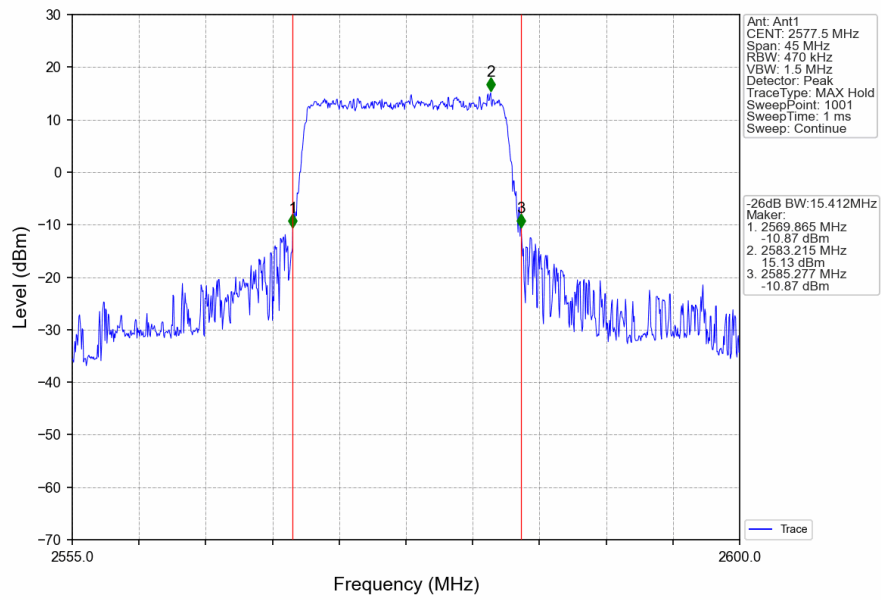
Band38_10MHz_16QAM_MCH_2595MHz_RB_50_0_NTNV



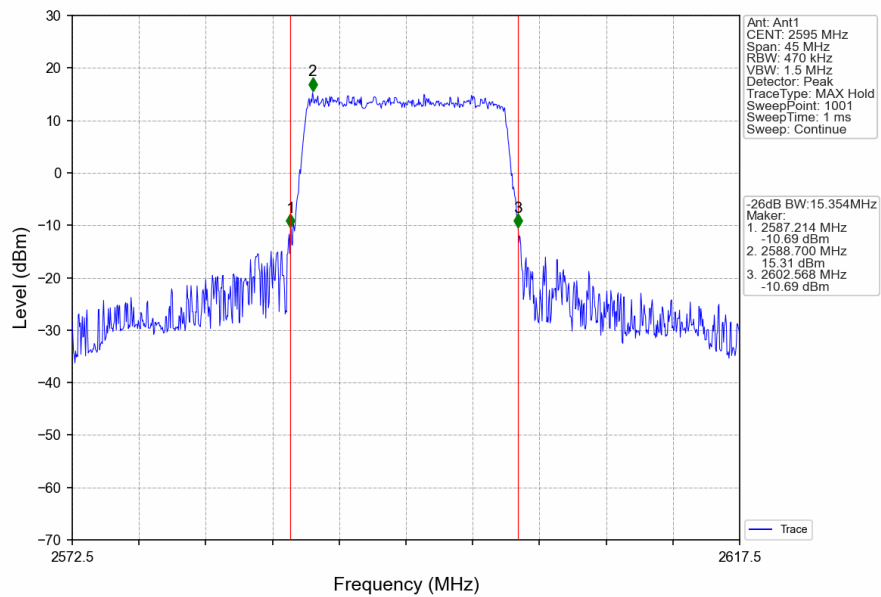
Band38_10MHz_16QAM_HCH_2615MHz_RB_50_0_NTNV



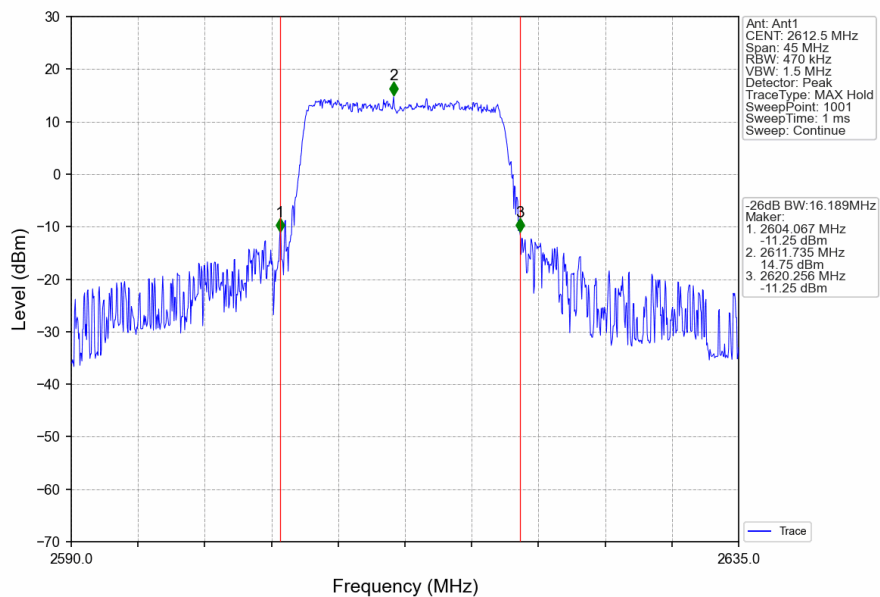
Band38_15MHz_QPSK_LCH_2577.5MHz_RB_75_0_NTNV



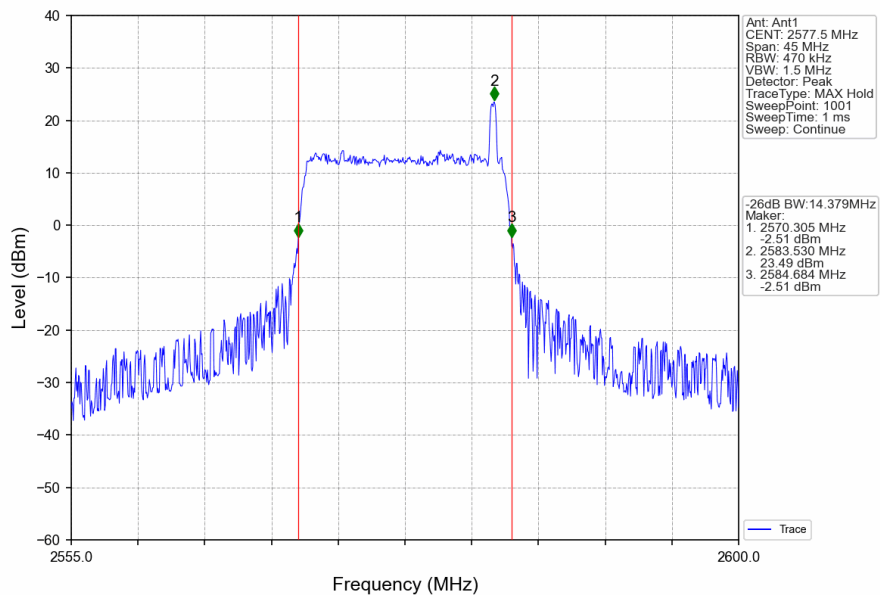
Band38_15MHz_QPSK_MCH_2595MHz_RB_75_0_NTNV



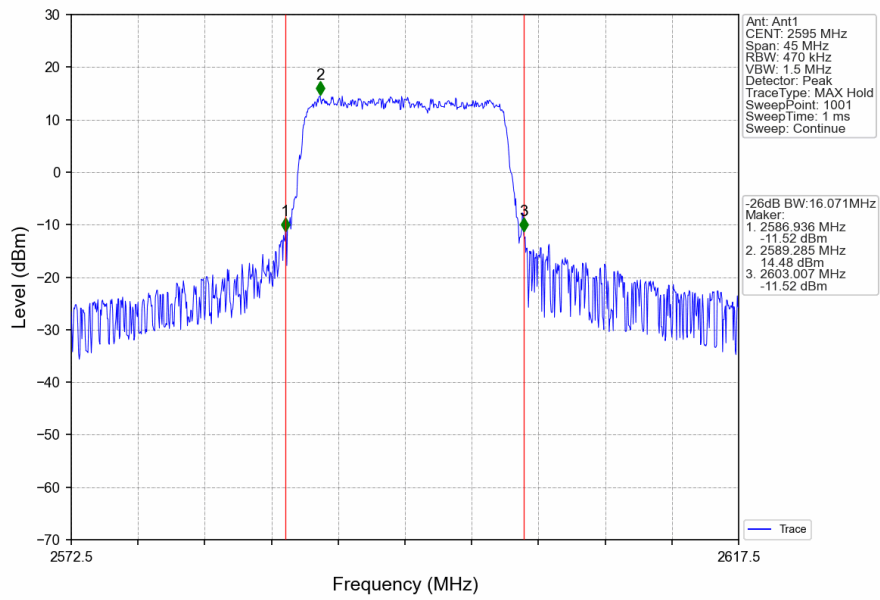
Band38_15MHz_QPSK_HCH_2612.5MHz_RB_75_0_NTNV



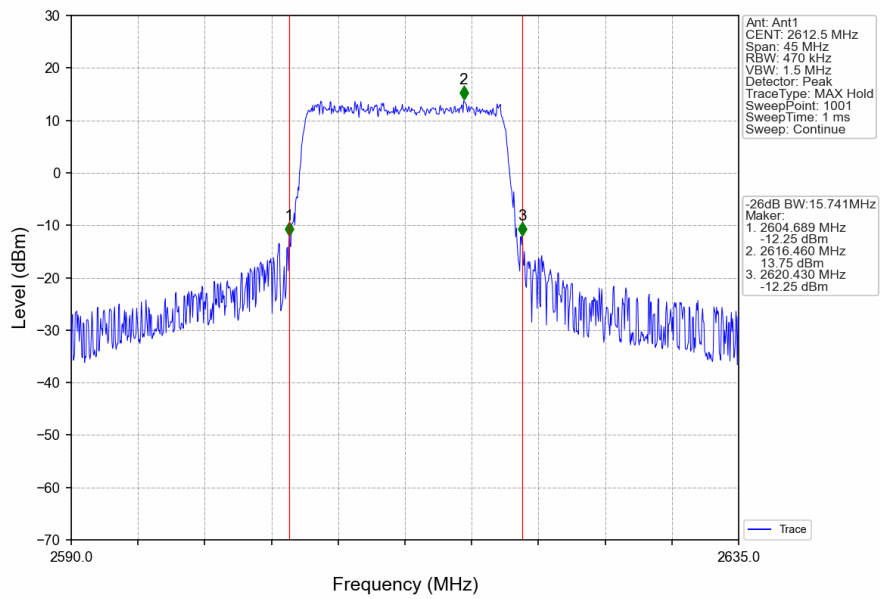
Band38_15MHz_16QAM_LCH_2577.5MHz_RB_75_0_NTNV



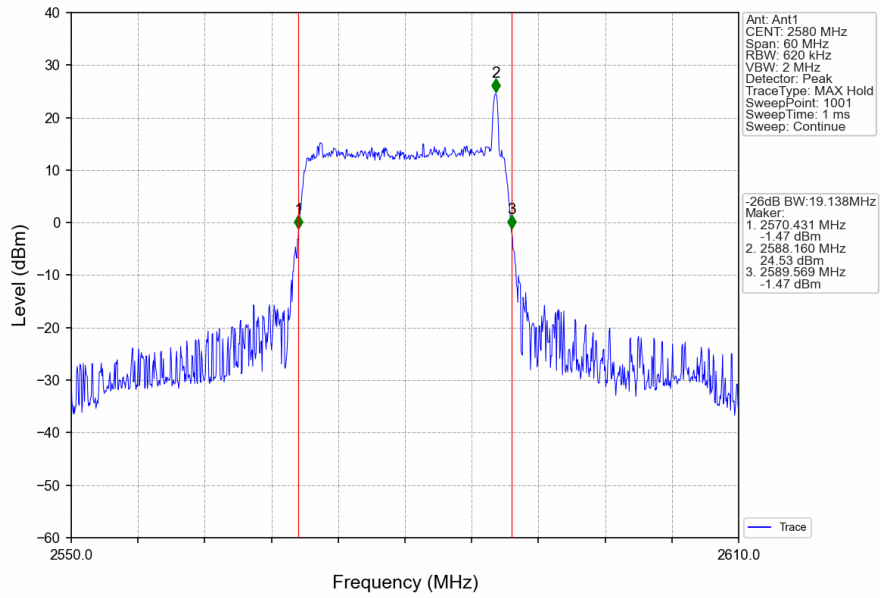
Band38_15MHz_16QAM_MCH_2595MHz_RB_75_0_NTNV



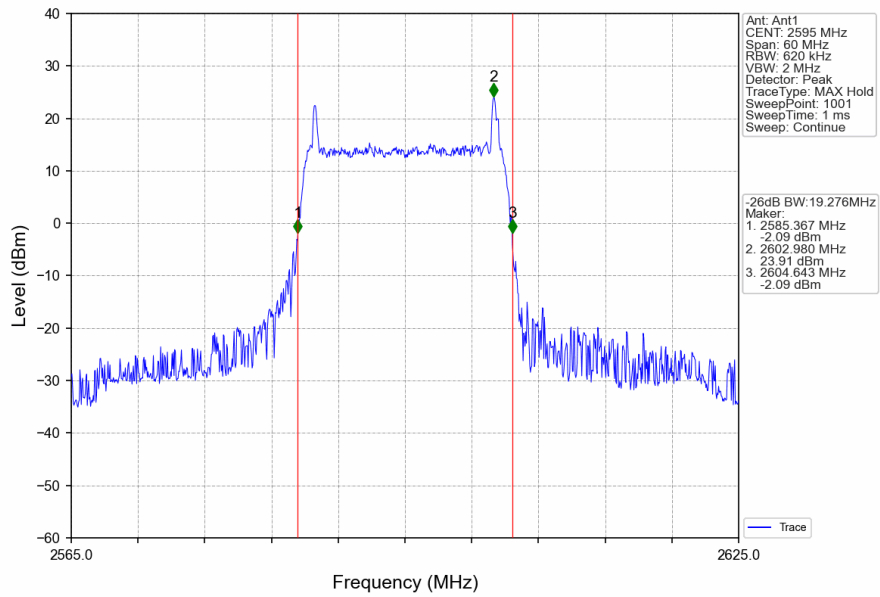
Band38_15MHz_16QAM_HCH_2612.5MHz_RB_75_0_NTNV



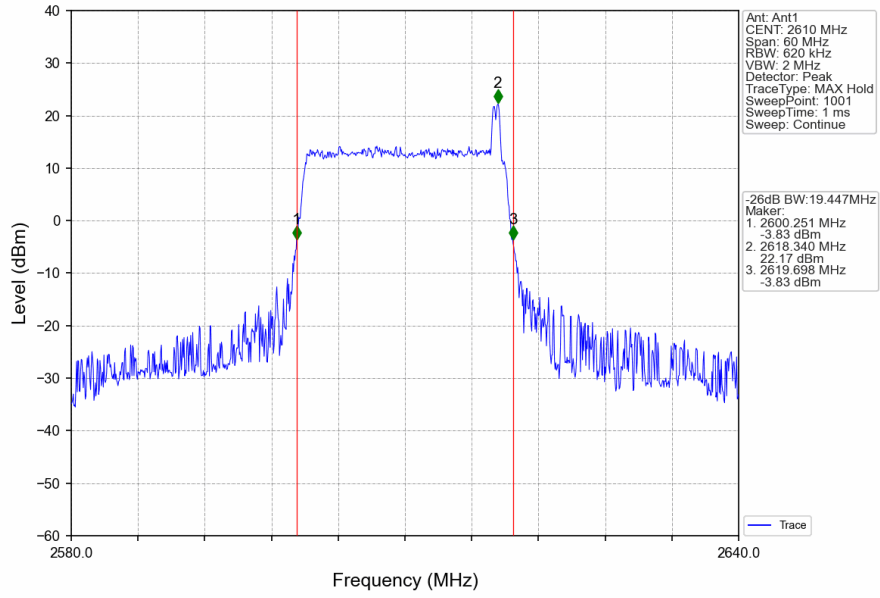
Band38_20MHz_QPSK_LCH_2580MHz_RB_100_0_NTNV



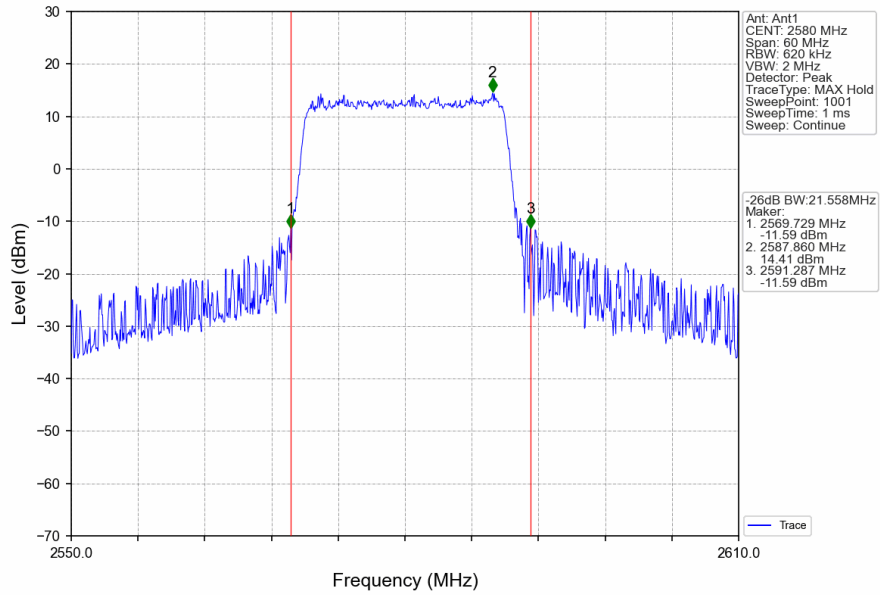
Band38_20MHz_QPSK_MCH_2595MHz_RB_100_0_NTNV



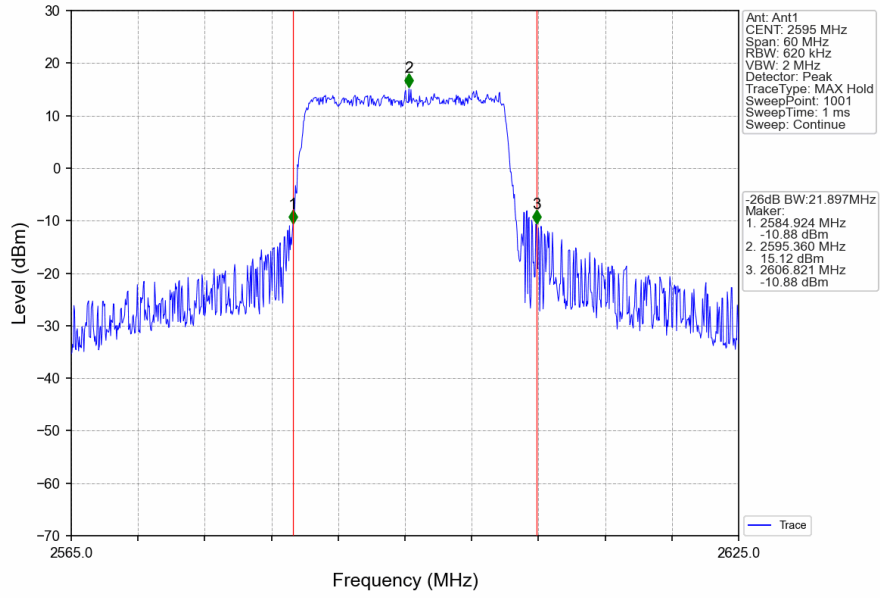
Band38_20MHz_QPSK_HCH_2610MHz_RB_100_0_NTNV



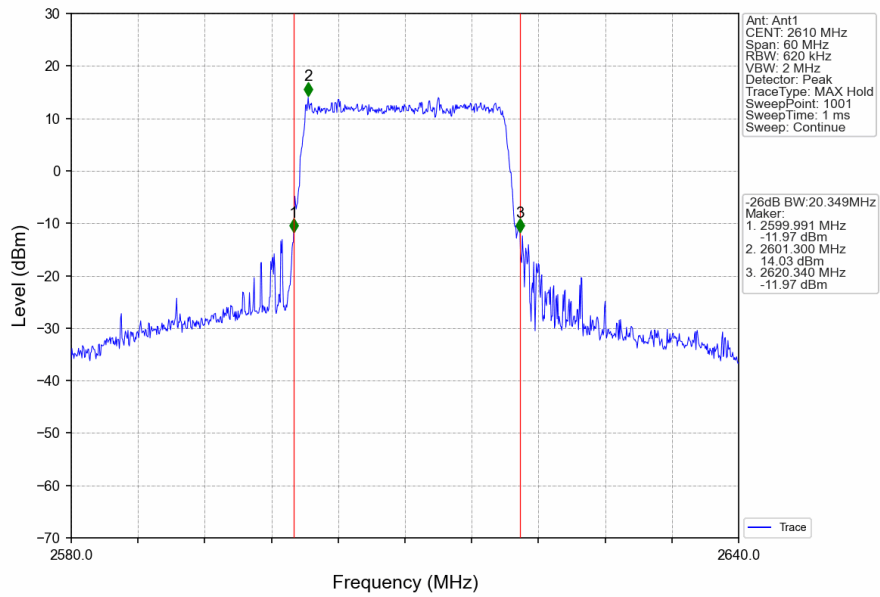
Band38_20MHz_16QAM_LCH_2580MHz_RB_100_0_NTNV



Band38_20MHz_16QAM_MCH_2595MHz_RB_100_0_NTNV



Band38_20MHz_16QAM_HCH_2610MHz_RB_100_0_NTNV



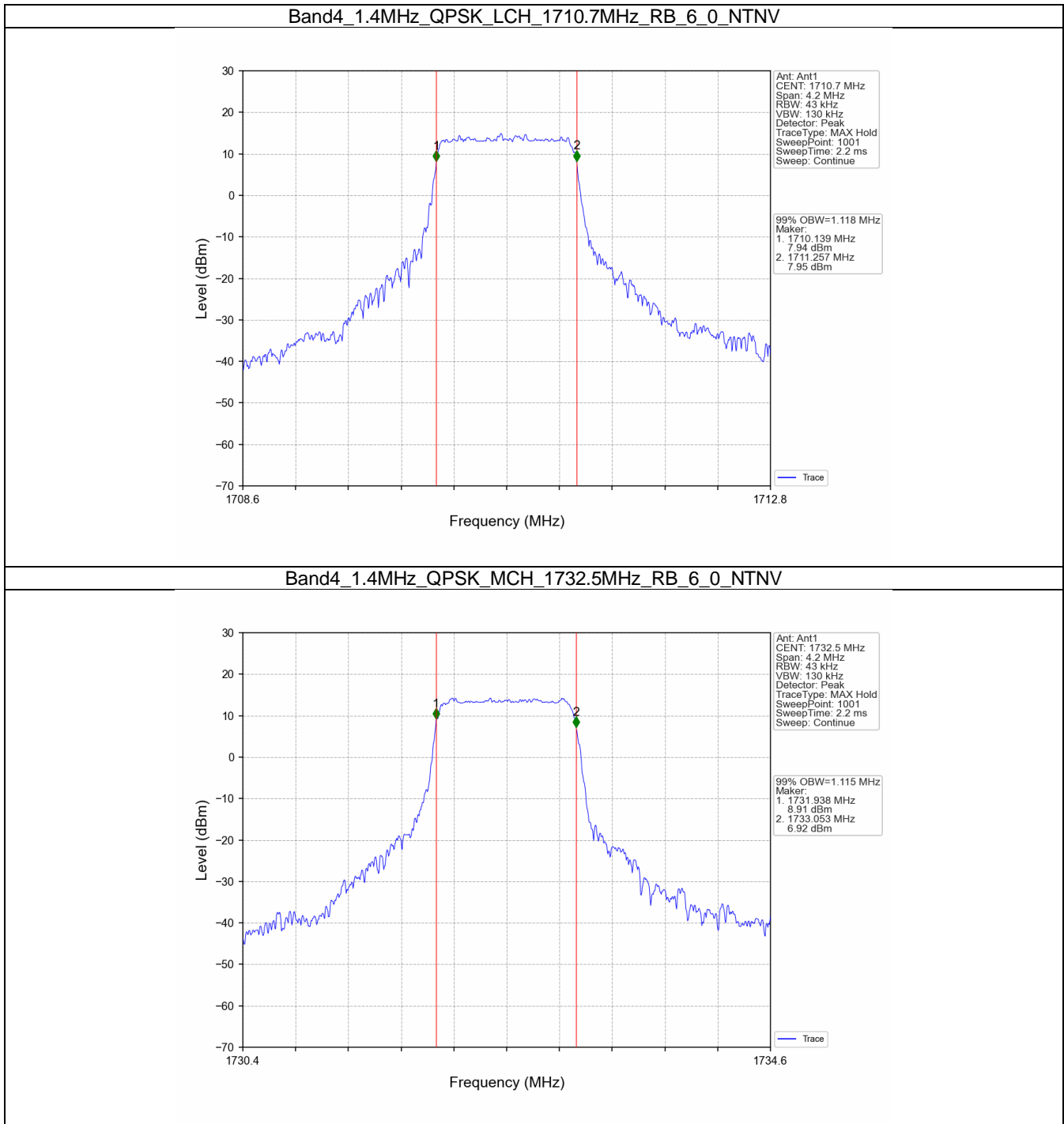
3. 99% & 26dB Bandwidth

3.1 Band4_OBW

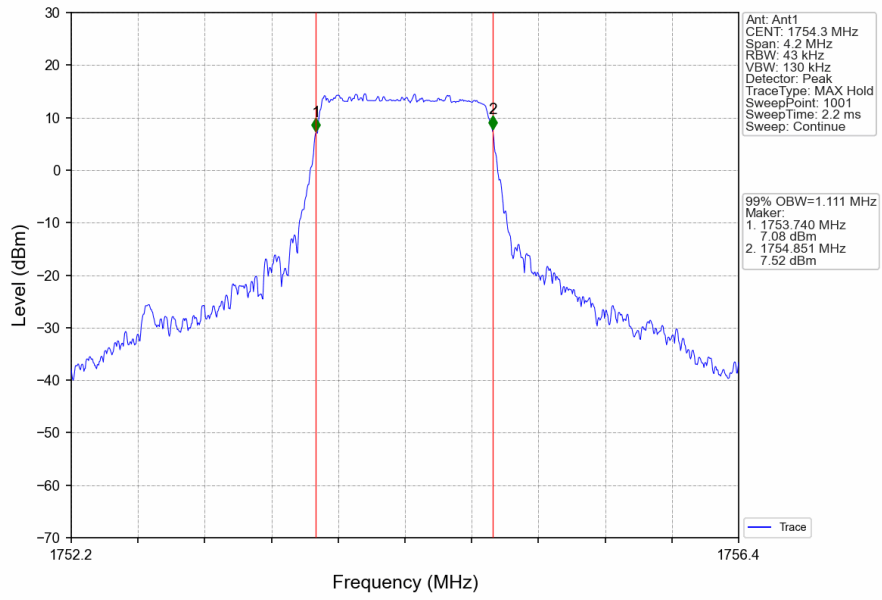
3.1.1 Test Result

Band: 4 / NTN						
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)	Verdict
			Size	Offset	Result	
1.4	QPSK	1710.7	6	0	1.118	Pass
		1732.5	6	0	1.115	Pass
		1754.3	6	0	1.111	Pass
	16QAM	1710.7	6	0	1.121	Pass
		1732.5	6	0	1.121	Pass
		1754.3	6	0	1.106	Pass
3	QPSK	1711.5	15	0	2.757	Pass
		1732.5	15	0	2.750	Pass
		1753.5	15	0	2.770	Pass
	16QAM	1711.5	15	0	2.757	Pass
		1732.5	15	0	2.775	Pass
		1753.5	15	0	2.762	Pass
5	QPSK	1712.5	25	0	4.574	Pass
		1732.5	25	0	4.565	Pass
		1752.5	25	0	4.575	Pass
	16QAM	1712.5	25	0	4.572	Pass
		1732.5	25	0	4.627	Pass
		1752.5	25	0	4.609	Pass
10	QPSK	1715	50	0	9.055	Pass
		1732.5	50	0	9.069	Pass
		1750	50	0	9.071	Pass
	16QAM	1715	50	0	9.053	Pass
		1732.5	50	0	9.088	Pass
		1750	50	0	9.061	Pass
15	QPSK	1717.5	75	0	13.593	Pass
		1732.5	75	0	13.623	Pass
		1747.5	75	0	13.547	Pass
	16QAM	1717.5	75	0	13.566	Pass
		1732.5	75	0	13.673	Pass
		1747.5	75	0	13.584	Pass
20	QPSK	1720	100	0	18.101	Pass
		1732.5	100	0	18.179	Pass
		1745	100	0	18.132	Pass
	16QAM	1720	100	0	18.236	Pass
		1732.5	100	0	18.230	Pass
		1745	100	0	18.058	Pass

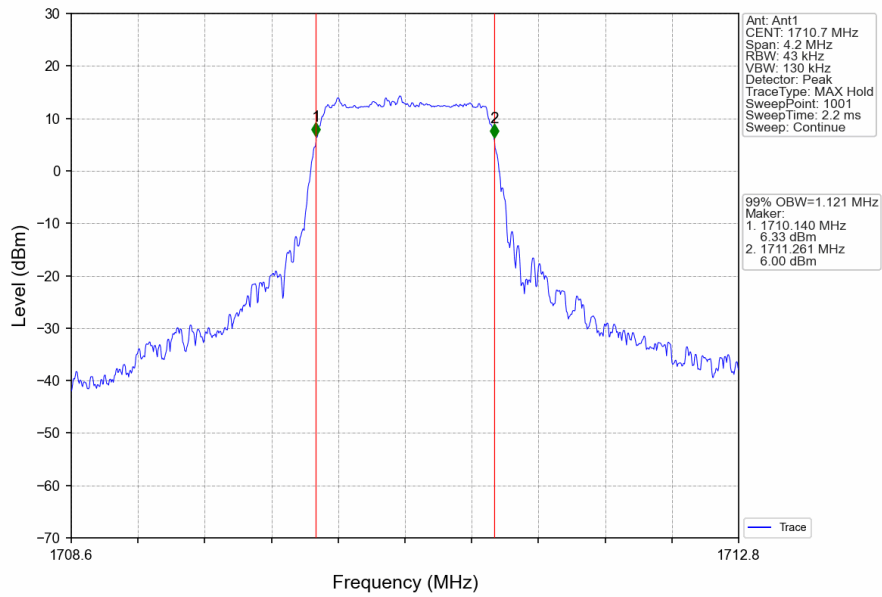
3.1.2 Test Graph



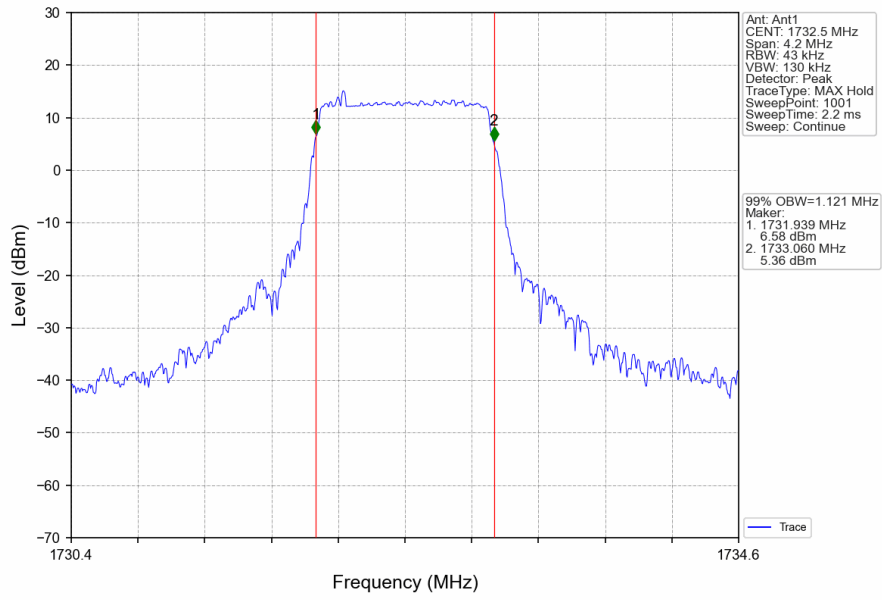
Band4_1.4MHz_QPSK_HCH_1754.3MHz_RB_6_0_NTNV



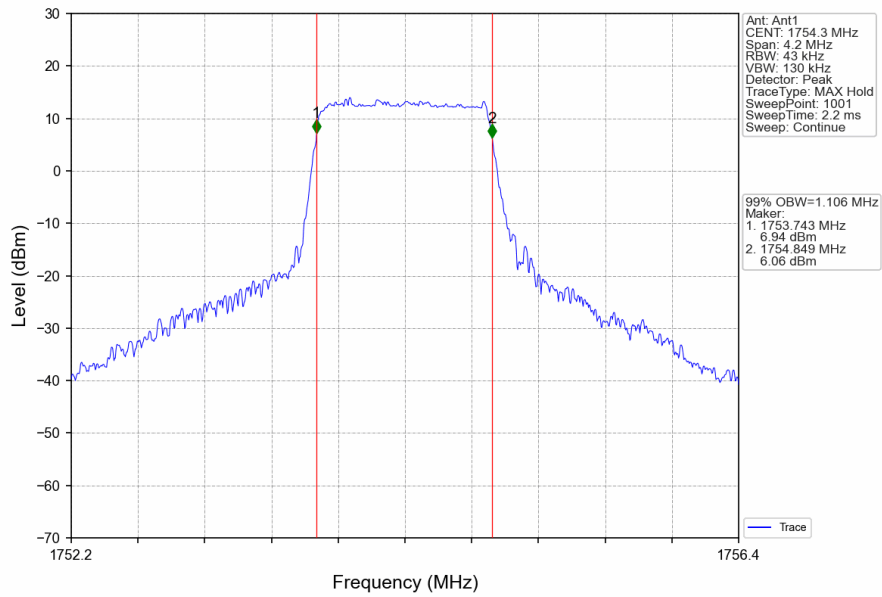
Band4_1.4MHz_16QAM_LCH_1710.7MHz_RB_6_0_NTNV



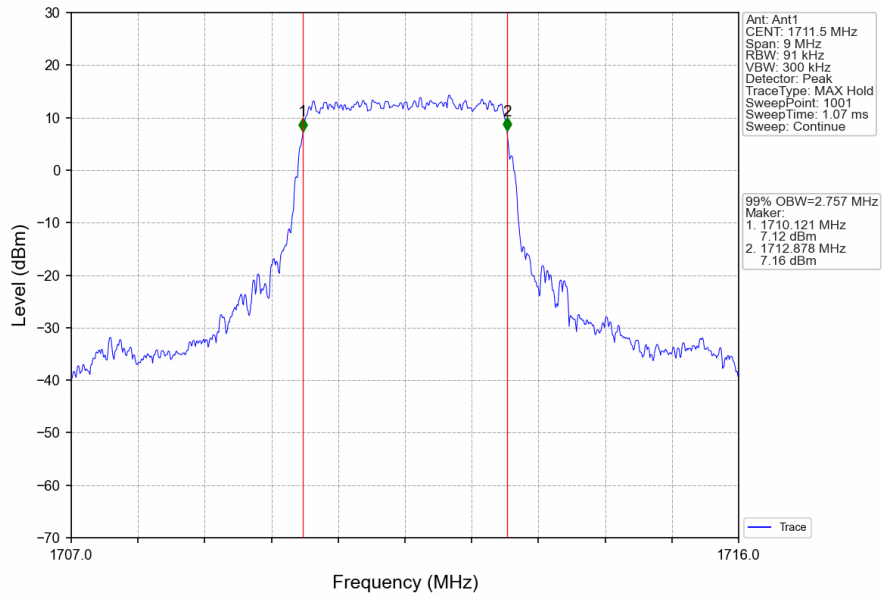
Band4_1.4MHz_16QAM_MCH_1732.5MHz_RB_6_0_NTNV



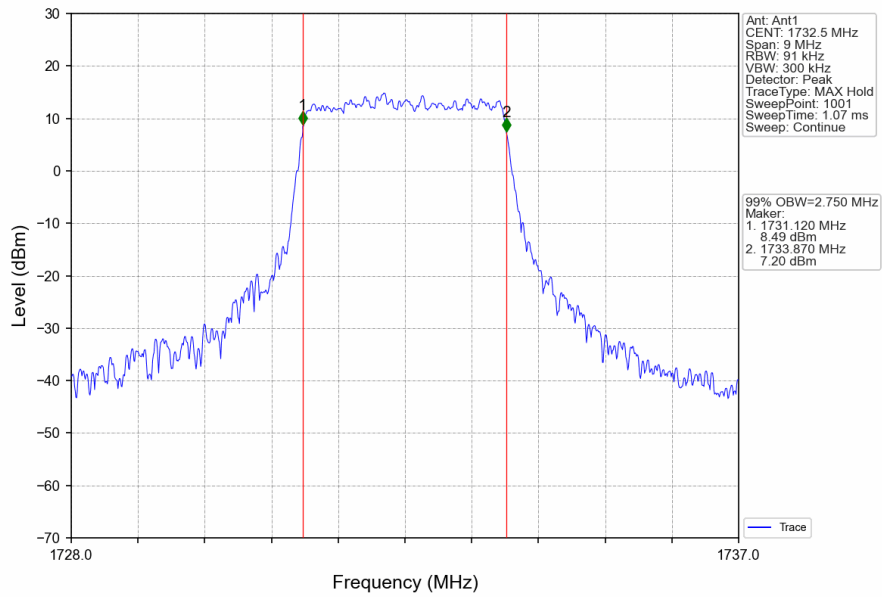
Band4_1.4MHz_16QAM_HCH_1754.3MHz_RB_6_0_NTNV



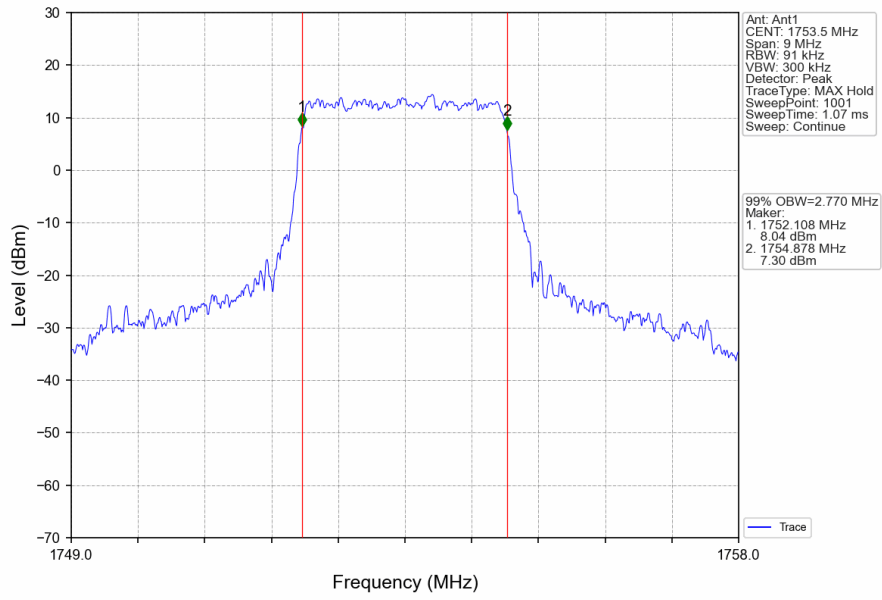
Band4_3MHz_QPSK_LCH_1711.5MHz_RB_15_0_NTNV



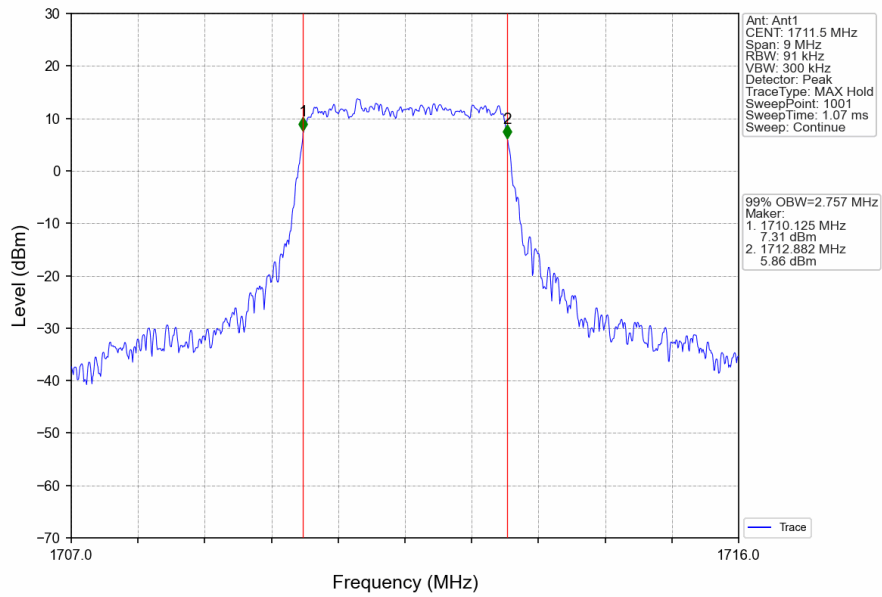
Band4_3MHz_QPSK_MCH_1732.5MHz_RB_15_0_NTNV



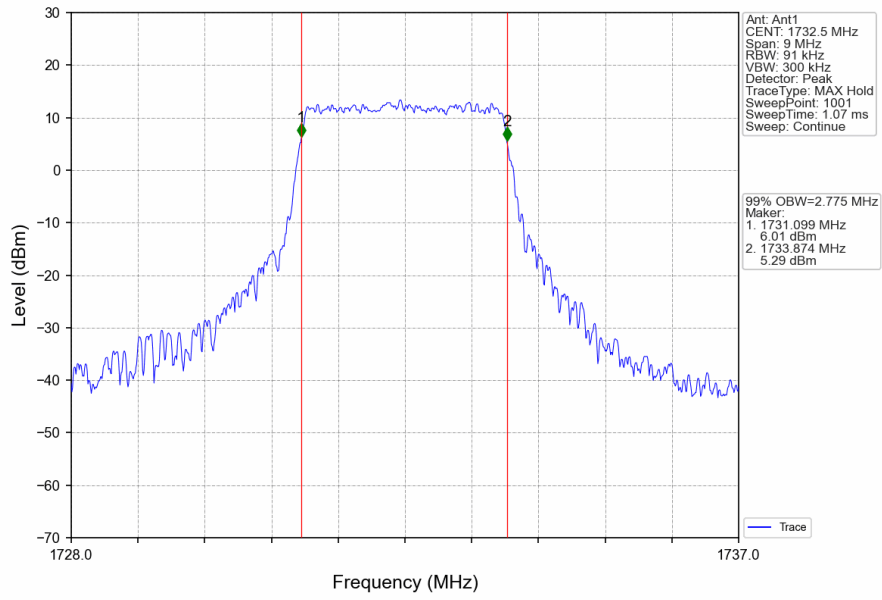
Band4_3MHz_QPSK_HCH_1753.5MHz_RB_15_0_NTNV



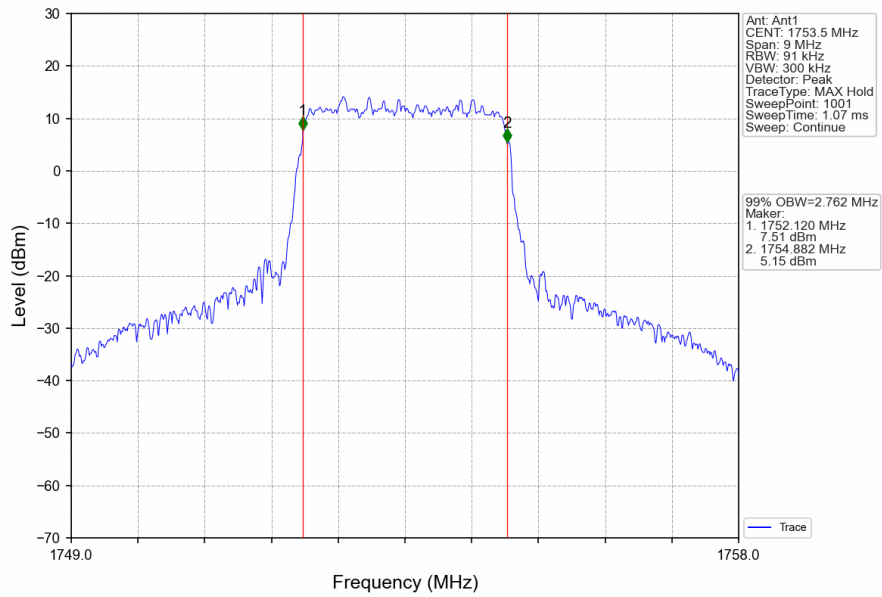
Band4_3MHz_16QAM_LCH_1711.5MHz_RB_15_0_NTNV



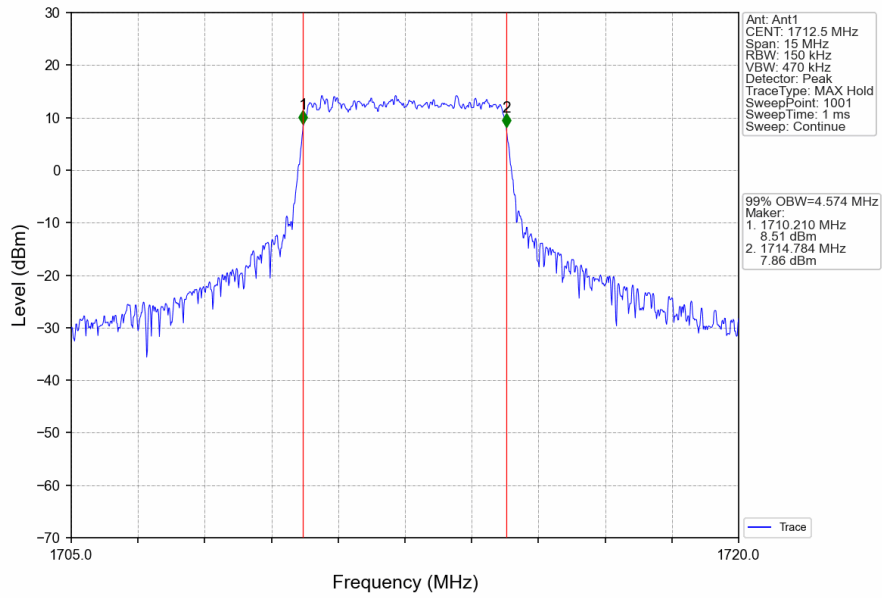
Band4_3MHz_16QAM_MCH_1732.5MHz_RB_15_0_NTNV



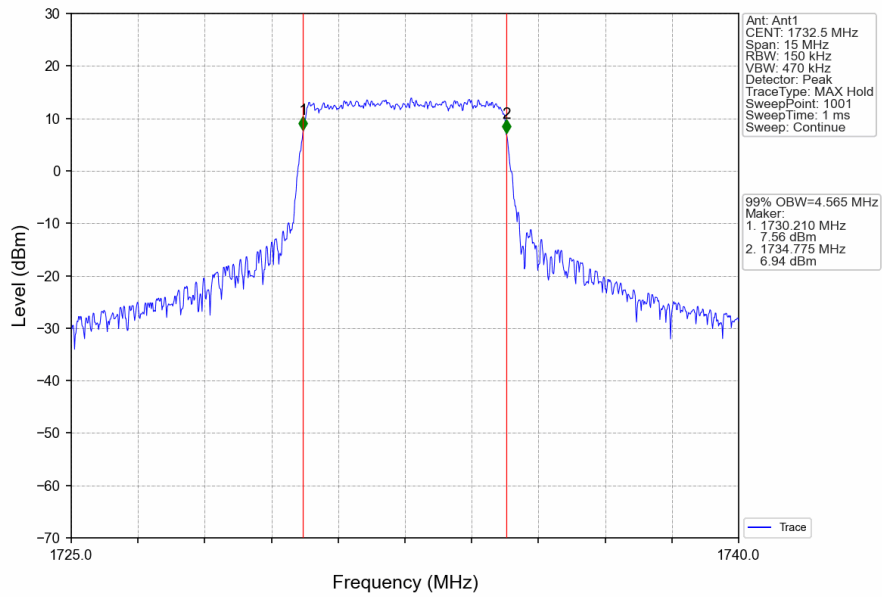
Band4_3MHz_16QAM_HCH_1753.5MHz_RB_15_0_NTNV



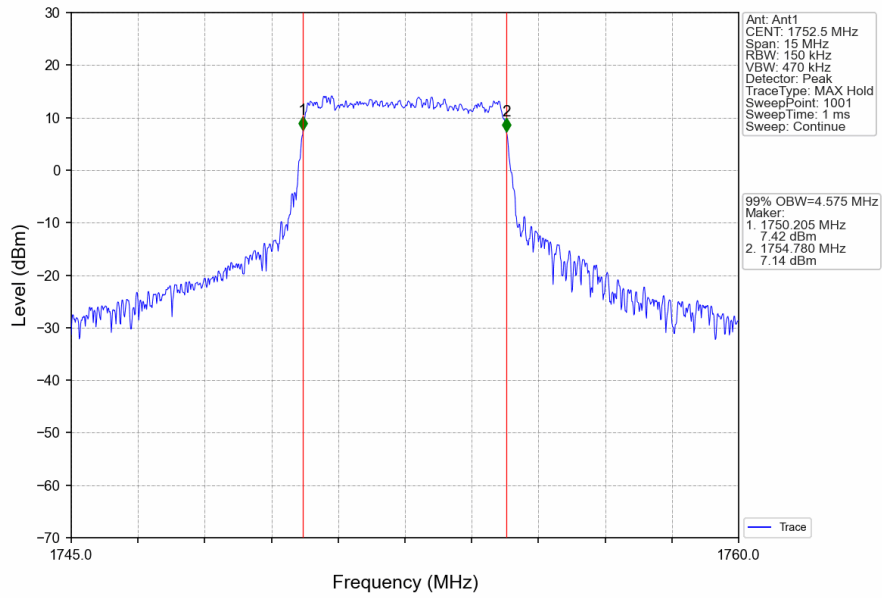
Band4_5MHz_QPSK_LCH_1712.5MHz_RB_25_0_NTNV



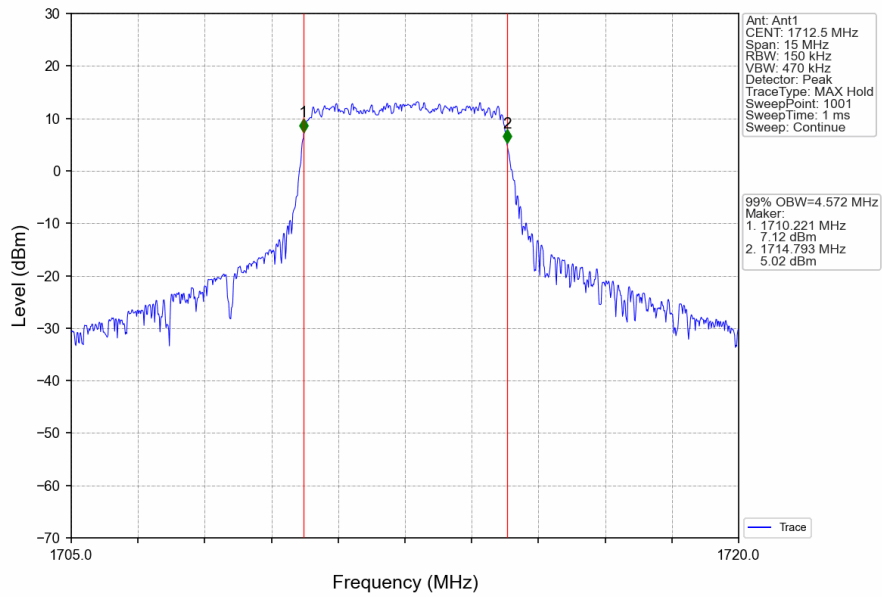
Band4_5MHz_QPSK_MCH_1732.5MHz_RB_25_0_NTNV



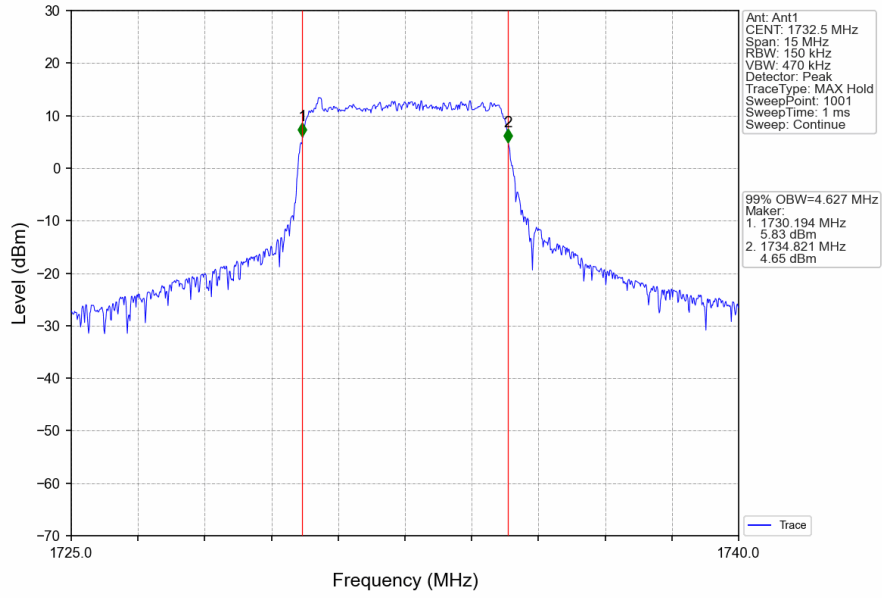
Band4_5MHz_QPSK_HCH_1752.5MHz_RB_25_0_NTNV



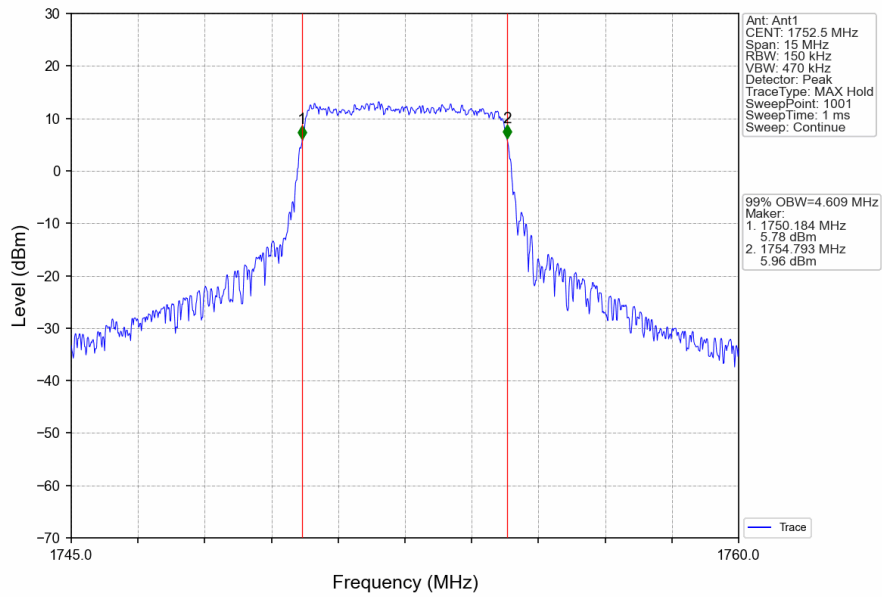
Band4_5MHz_16QAM_LCH_1712.5MHz_RB_25_0_NTNV



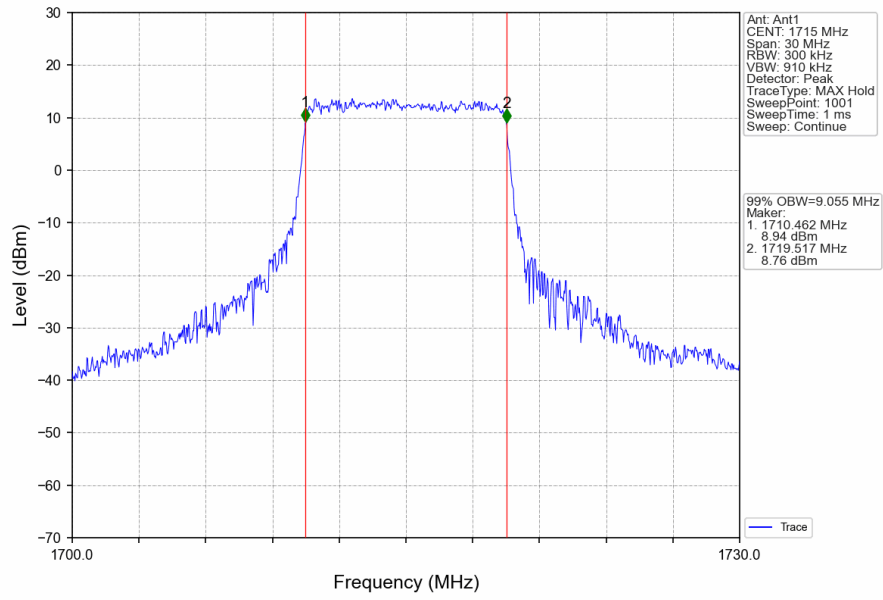
Band4_5MHz_16QAM_MCH_1732.5MHz_RB_25_0_NTNV



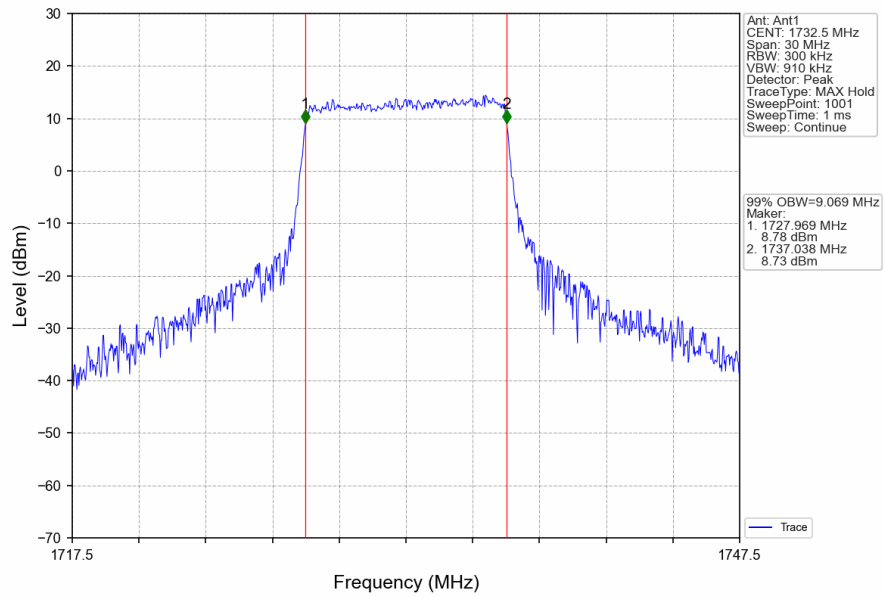
Band4_5MHz_16QAM_HCH_1752.5MHz_RB_25_0_NTNV



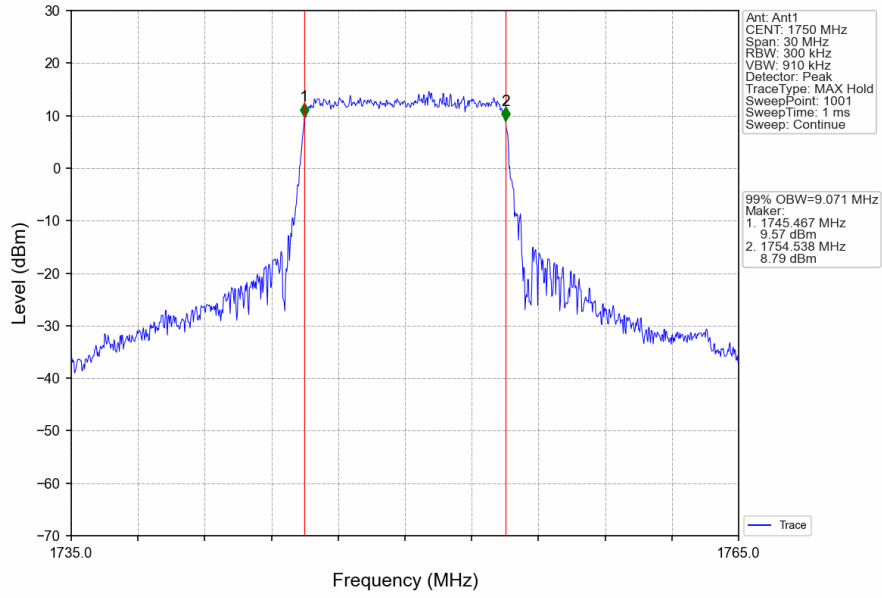
Band4_10MHz_QPSK_LCH_1715MHz_RB_50_0_NTNV



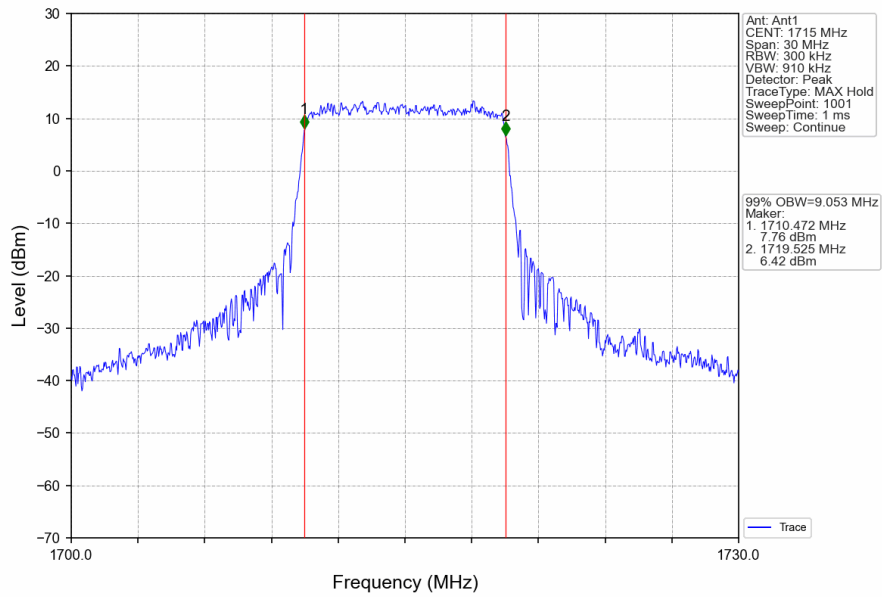
Band4_10MHz_QPSK_MCH_1732.5MHz_RB_50_0_NTNV



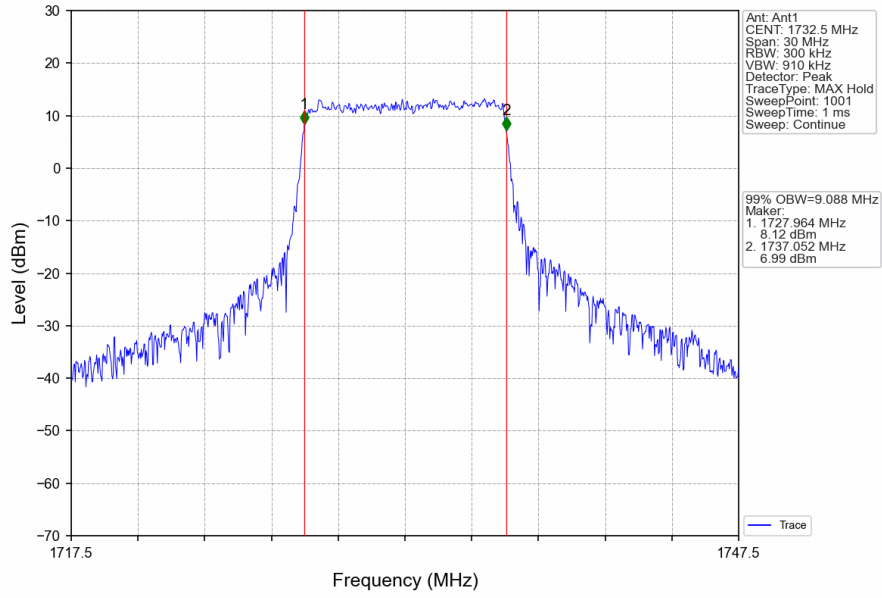
Band4_10MHz_QPSK_HCH_1750MHz_RB_50_0_NTNV



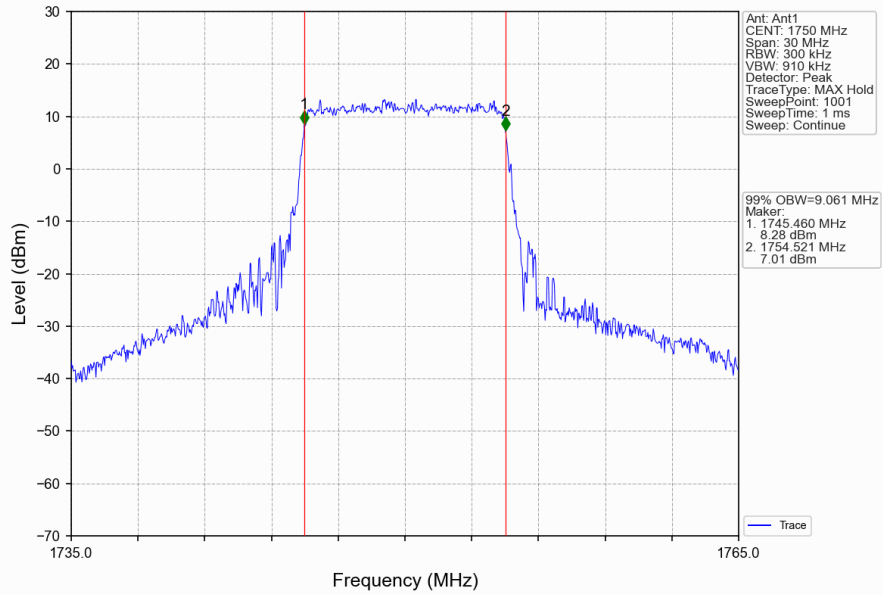
Band4_10MHz_16QAM_LCH_1715MHz_RB_50_0_NTNV



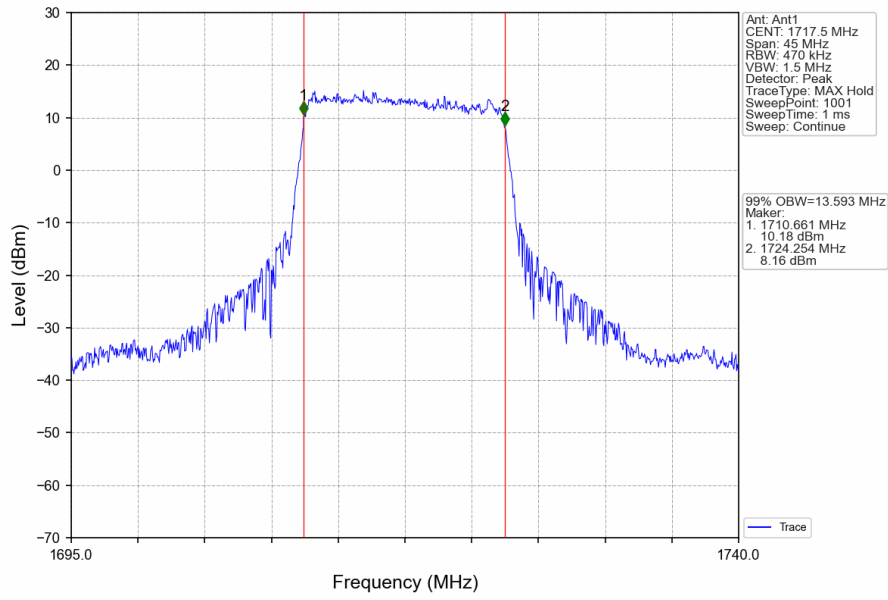
Band4_10MHz_16QAM_MCH_1732.5MHz_RB_50_0_NTNV



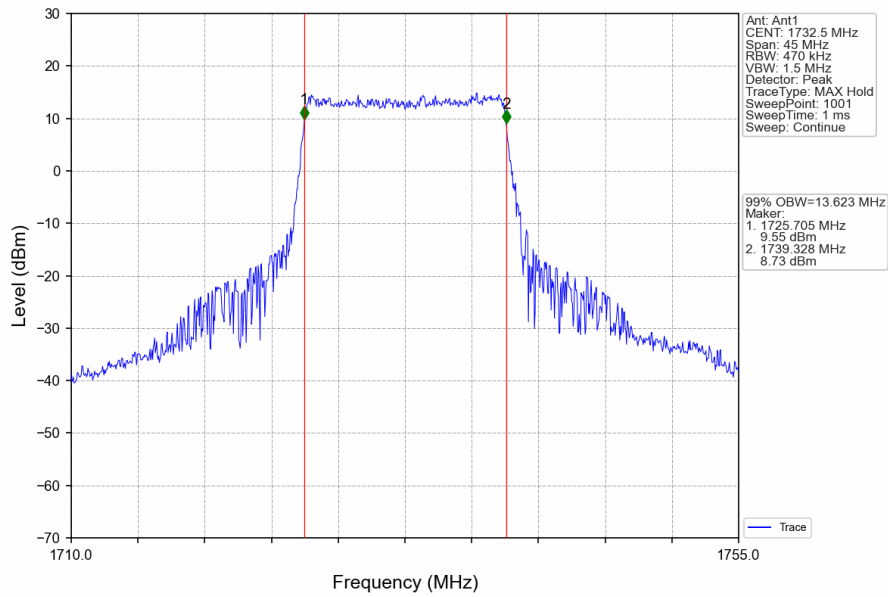
Band4_10MHz_16QAM_HCH_1750MHz_RB_50_0_NTNV



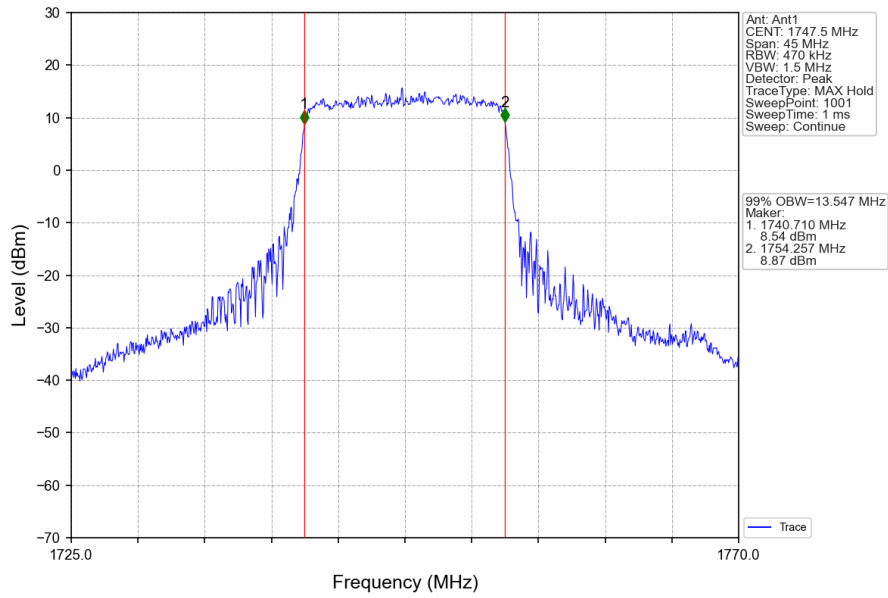
Band4_15MHz_QPSK_LCH_1717.5MHz_RB_75_0_NTNV



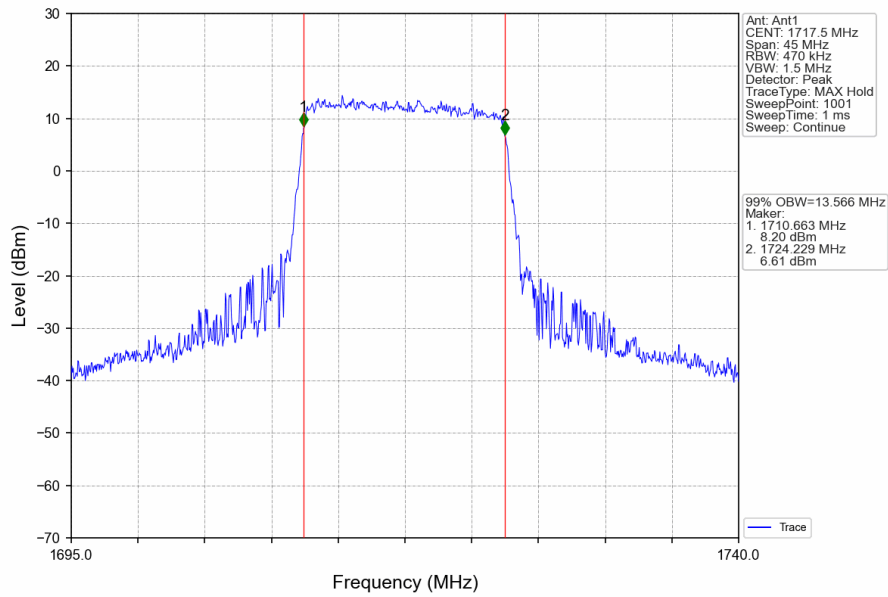
Band4_15MHz_QPSK_MCH_1732.5MHz_RB_75_0_NTNV



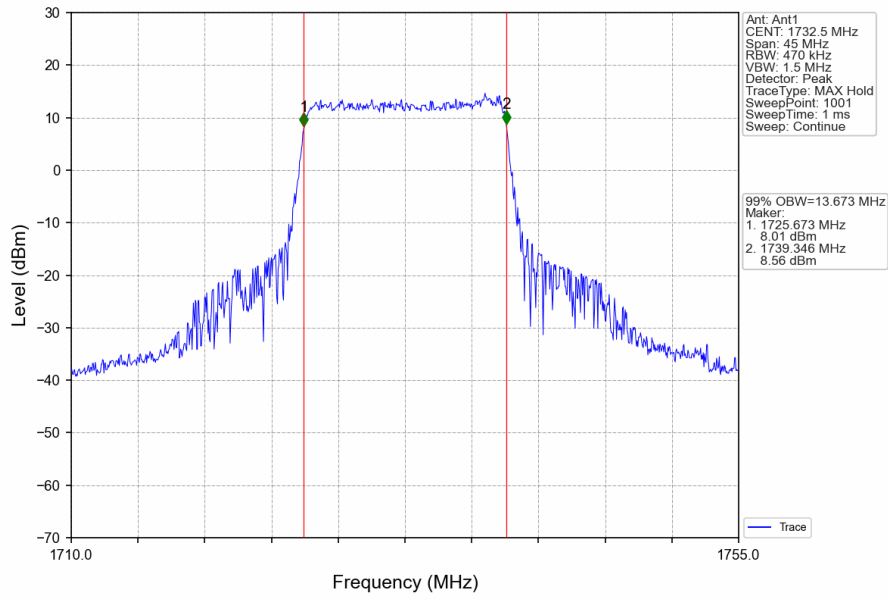
Band4_15MHz_QPSK_HCH_1747.5MHz_RB_75_0_NTNV



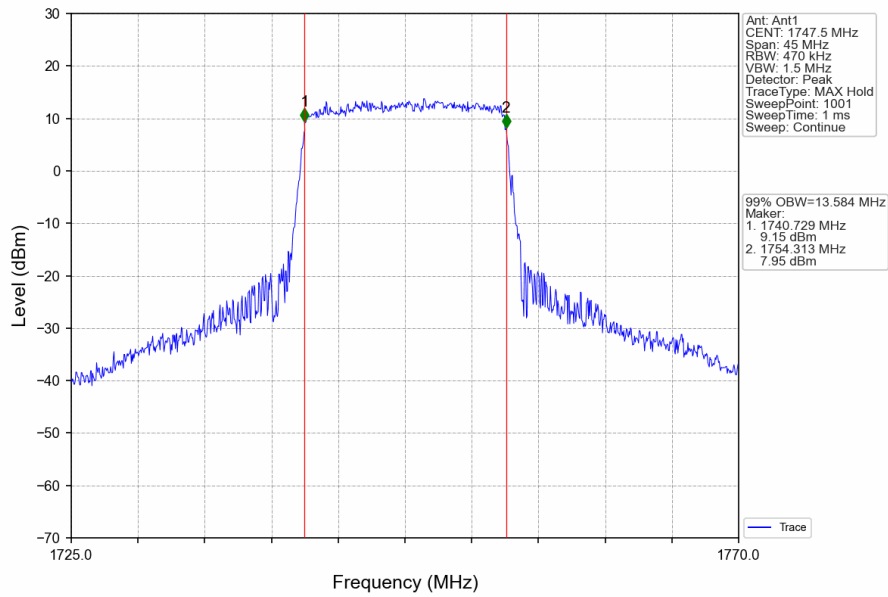
Band4_15MHz_16QAM_LCH_1717.5MHz_RB_75_0_NTNV



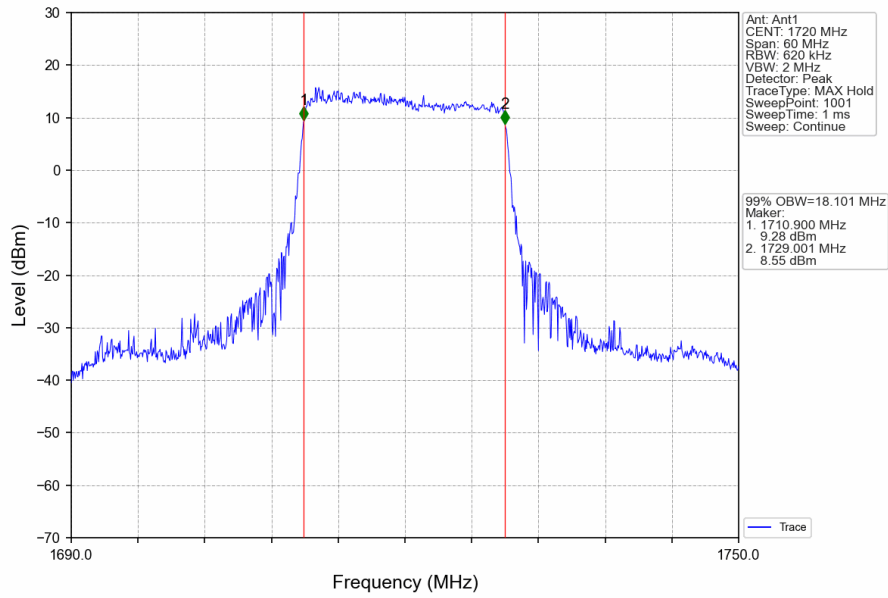
Band4_15MHz_16QAM_MCH_1732.5MHz_RB_75_0_NTNV



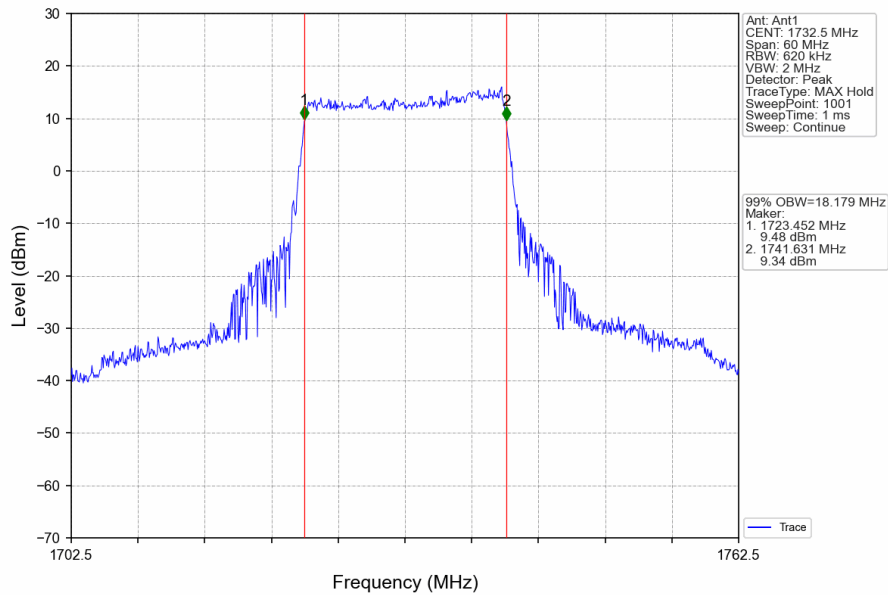
Band4_15MHz_16QAM_HCH_1747.5MHz_RB_75_0_NTNV



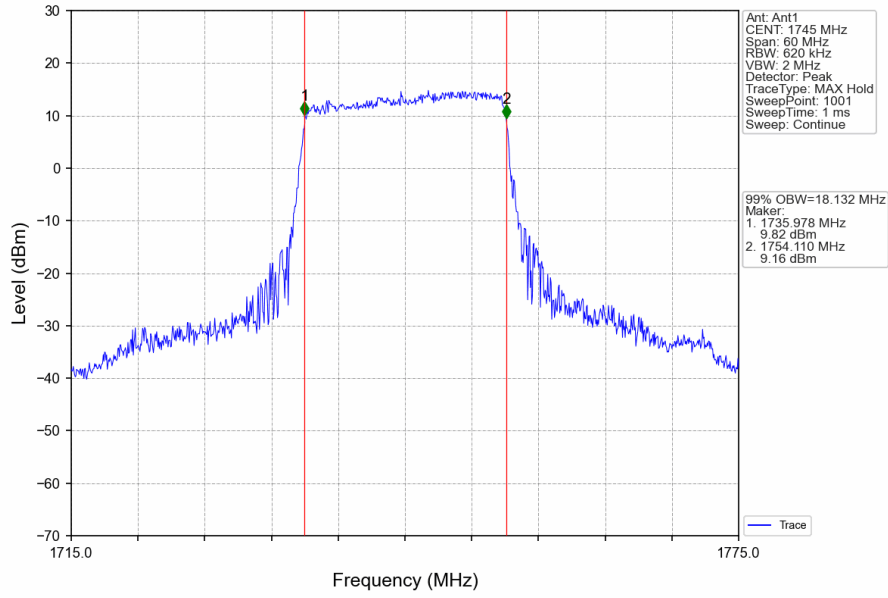
Band4_20MHz_QPSK_LCH_1720MHz_RB_100_0_NTNV



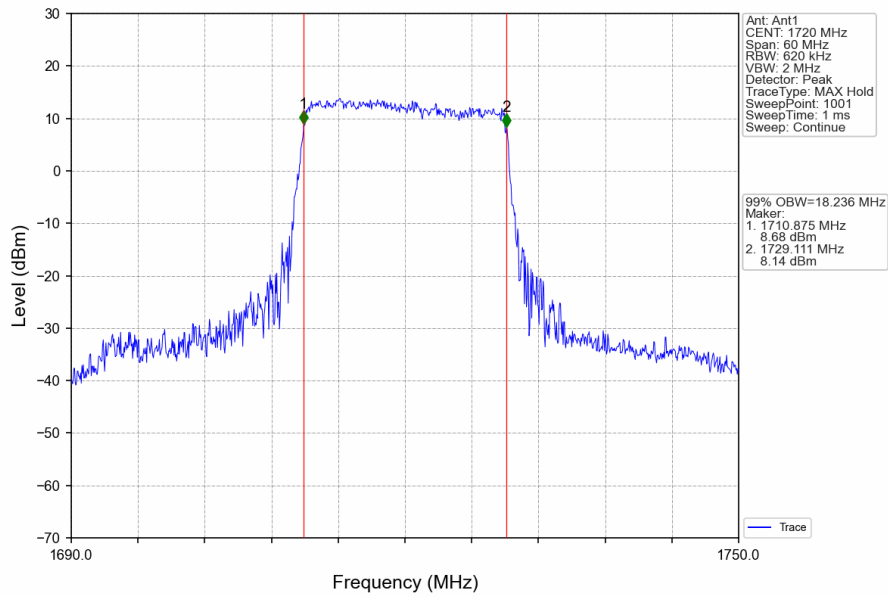
Band4_20MHz_QPSK_MCH_1732.5MHz_RB_100_0_NTNV



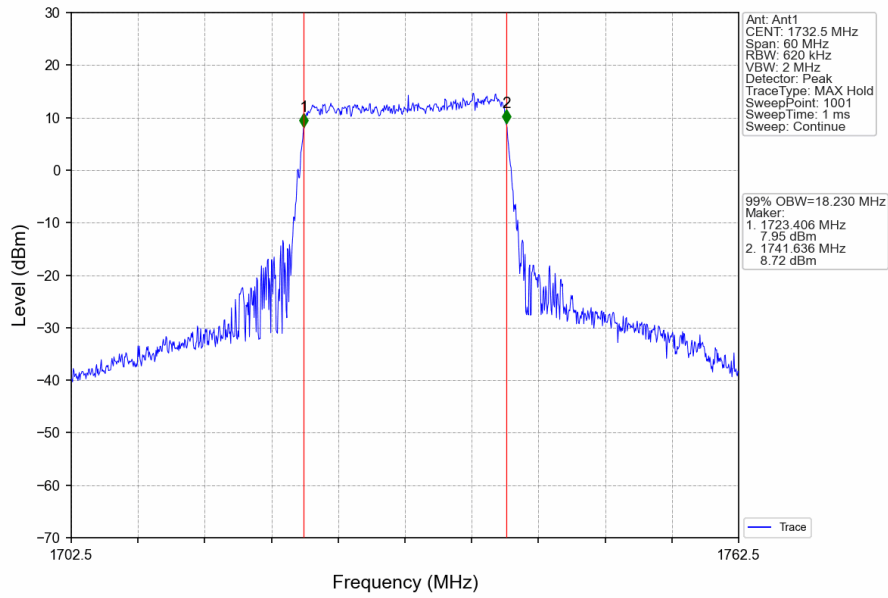
Band4_20MHz_QPSK_HCH_1745MHz_RB_100_0_NTNV



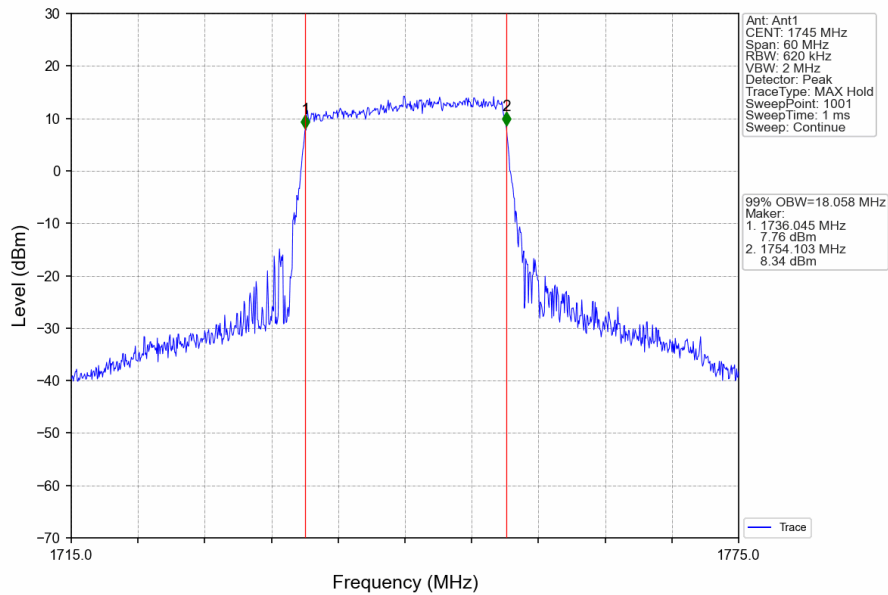
Band4_20MHz_16QAM_LCH_1720MHz_RB_100_0_NTNV



Band4_20MHz_16QAM_MCH_1732.5MHz_RB_100_0_NTNV



Band4_20MHz_16QAM_HCH_1745MHz_RB_100_0_NTNV

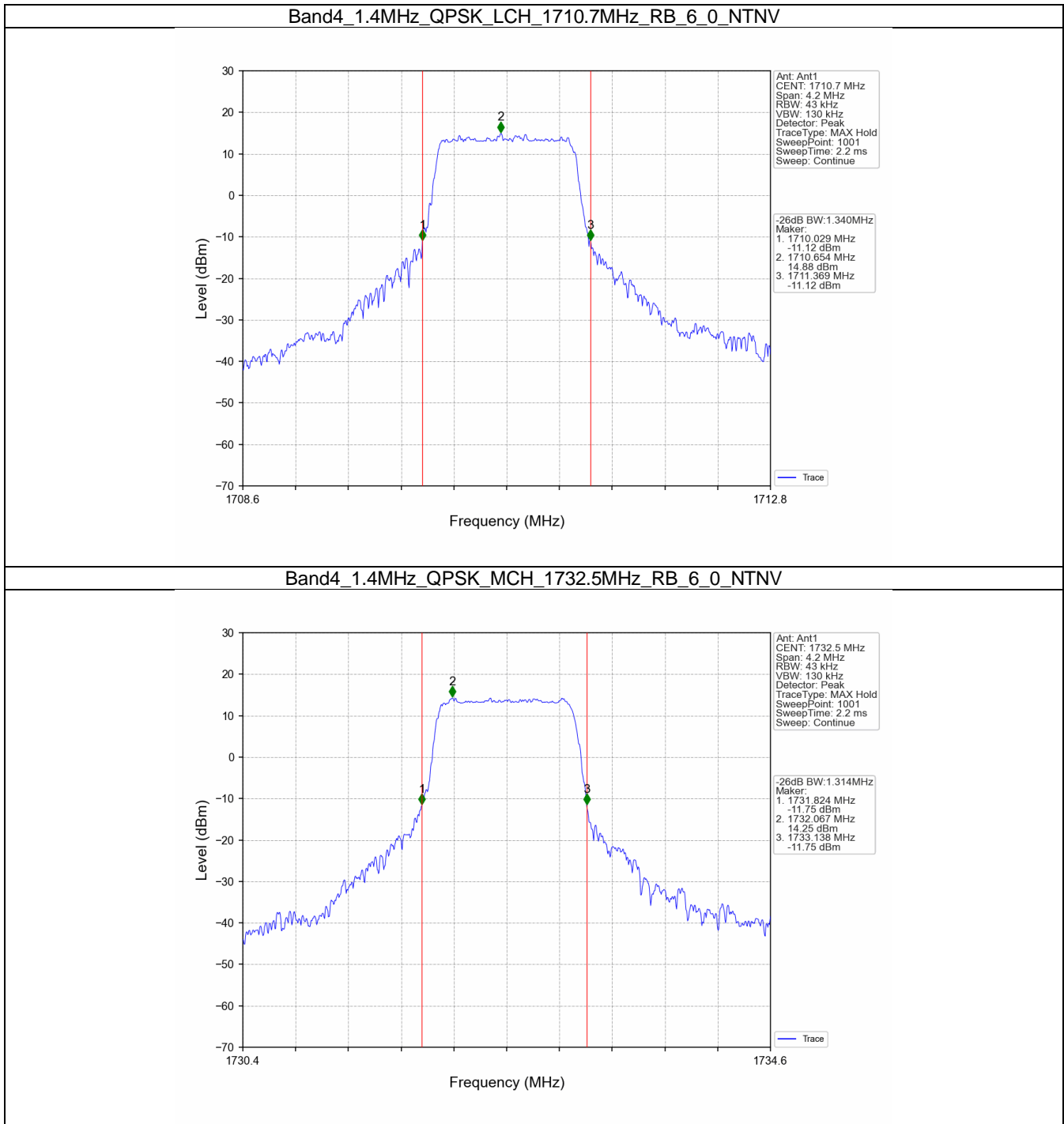


3.2 Band4_XDB

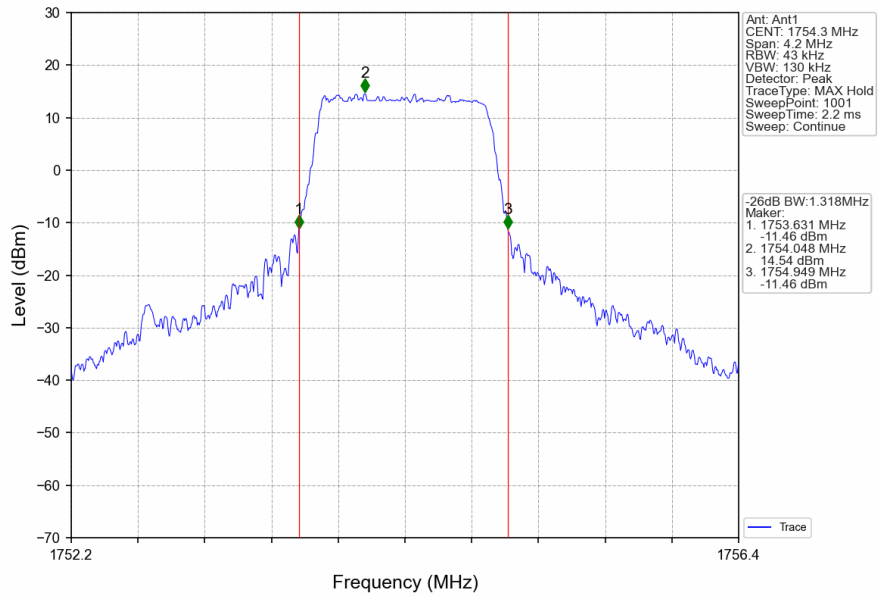
3.2.1 Test Result

Band: 4 / NTNV						
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)	Verdict
			Size	Offset	Result	
1.4	QPSK	1710.7	6	0	1.340	Pass
		1732.5	6	0	1.314	Pass
		1754.3	6	0	1.318	Pass
	16QAM	1710.7	6	0	1.326	Pass
		1732.5	6	0	1.291	Pass
		1754.3	6	0	1.299	Pass
3	QPSK	1711.5	15	0	3.121	Pass
		1732.5	15	0	3.156	Pass
		1753.5	15	0	3.181	Pass
	16QAM	1711.5	15	0	3.136	Pass
		1732.5	15	0	3.295	Pass
		1753.5	15	0	3.108	Pass
5	QPSK	1712.5	25	0	5.444	Pass
		1732.5	25	0	5.602	Pass
		1752.5	25	0	5.764	Pass
	16QAM	1712.5	25	0	5.610	Pass
		1732.5	25	0	5.774	Pass
		1752.5	25	0	5.530	Pass
10	QPSK	1715	50	0	10.486	Pass
		1732.5	50	0	10.446	Pass
		1750	50	0	10.314	Pass
	16QAM	1715	50	0	10.282	Pass
		1732.5	50	0	10.493	Pass
		1750	50	0	10.748	Pass
15	QPSK	1717.5	75	0	15.414	Pass
		1732.5	75	0	15.525	Pass
		1747.5	75	0	15.493	Pass
	16QAM	1717.5	75	0	15.033	Pass
		1732.5	75	0	15.612	Pass
		1747.5	75	0	15.266	Pass
20	QPSK	1720	100	0	20.317	Pass
		1732.5	100	0	20.818	Pass
		1745	100	0	20.488	Pass
	16QAM	1720	100	0	20.356	Pass
		1732.5	100	0	20.248	Pass
		1745	100	0	20.487	Pass

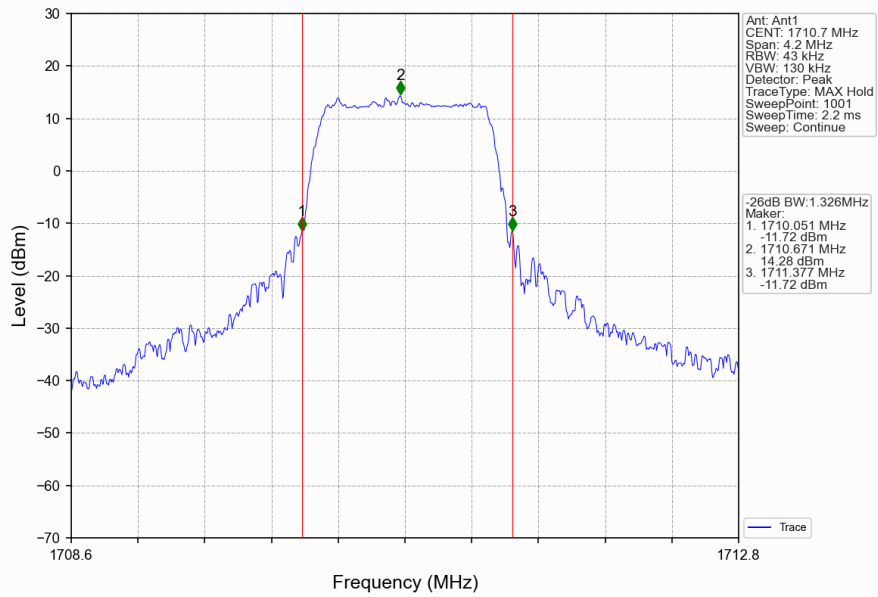
3.2.2 Test Graph



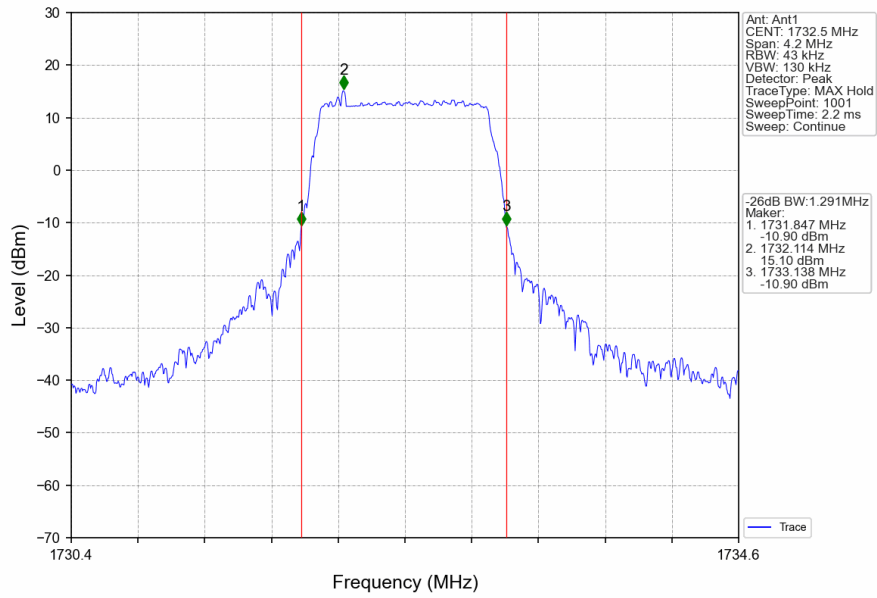
Band4_1.4MHz_QPSK_HCH_1754.3MHz_RB_6_0_NTNV



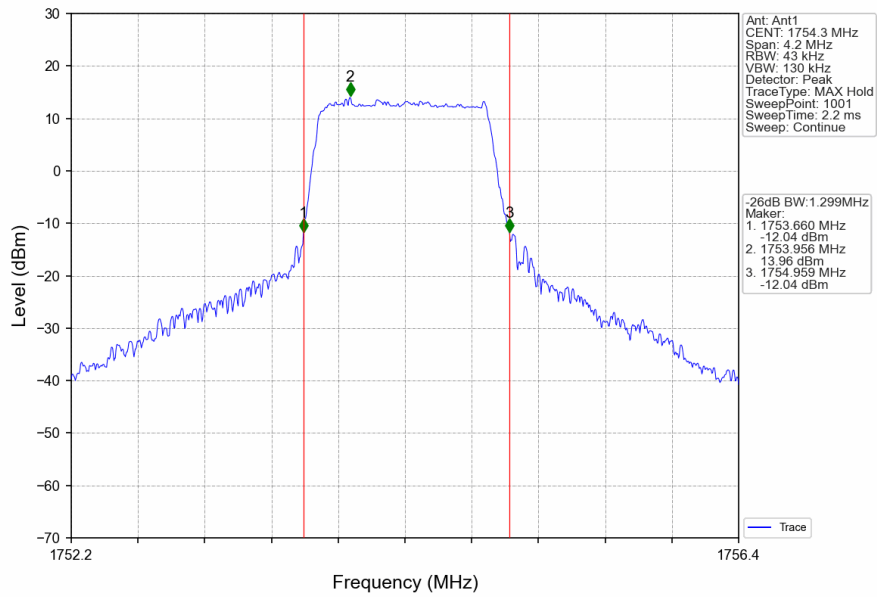
Band4_1.4MHz_16QAM_LCH_1710.7MHz_RB_6_0_NTNV



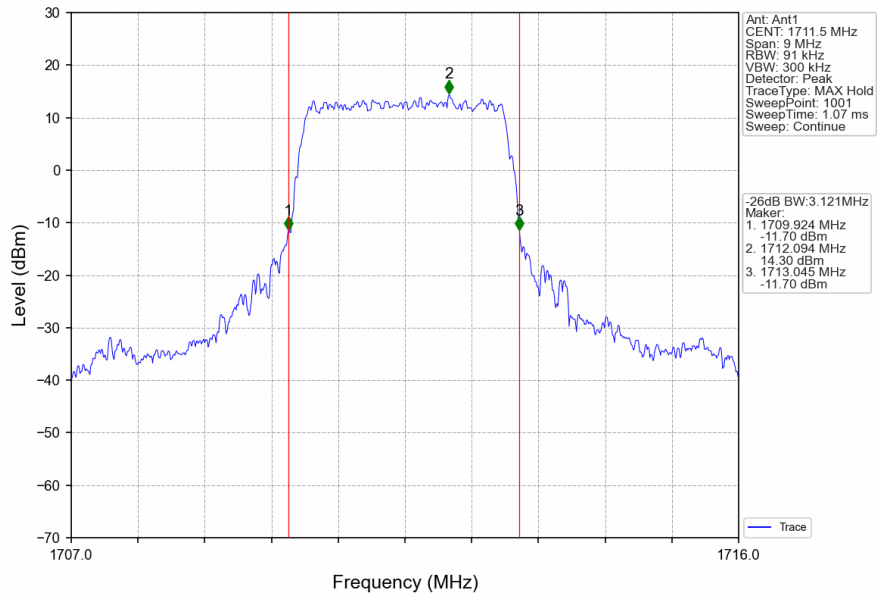
Band4_1.4MHz_16QAM_MCH_1732.5MHz_RB_6_0_NTNV



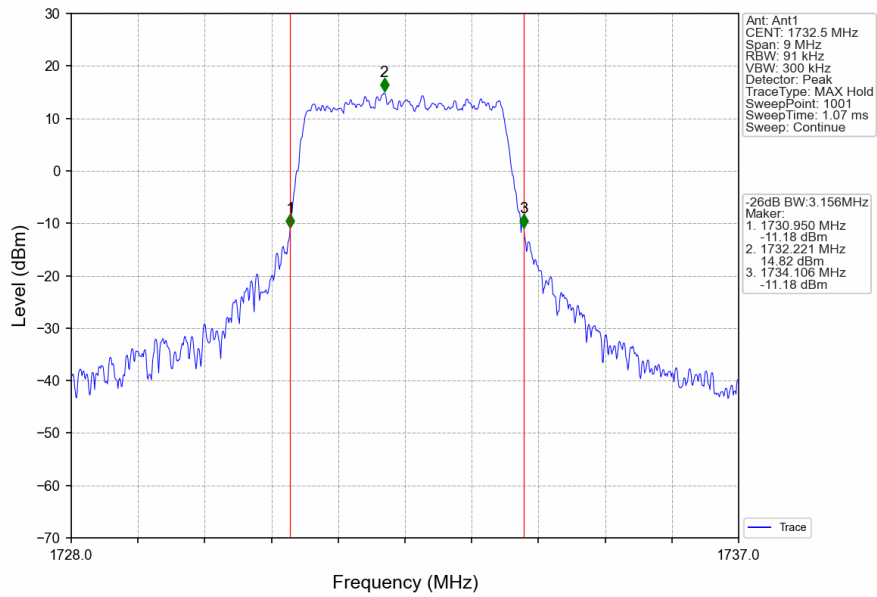
Band4_1.4MHz_16QAM_HCH_1754.3MHz_RB_6_0_NTNV



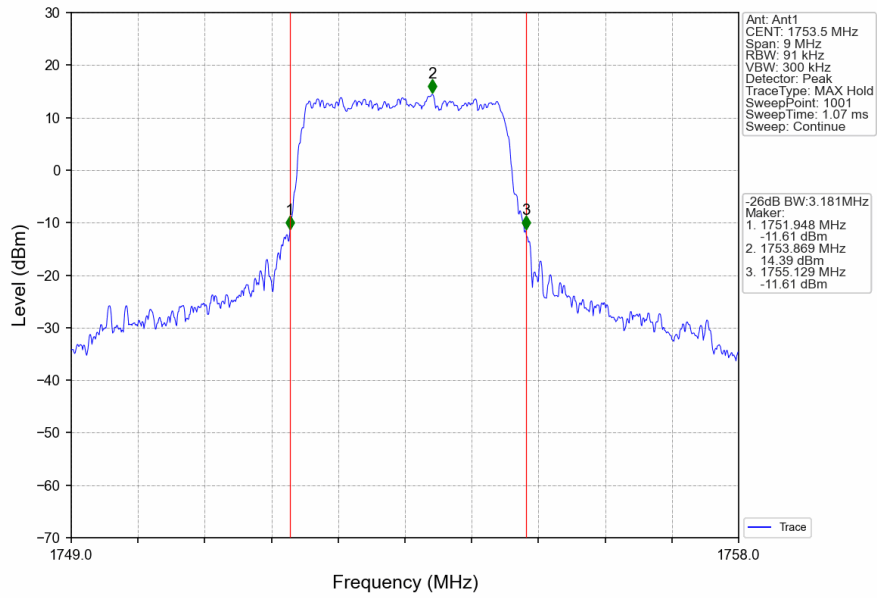
Band4_3MHz_QPSK_LCH_1711.5MHz_RB_15_0_NTNV



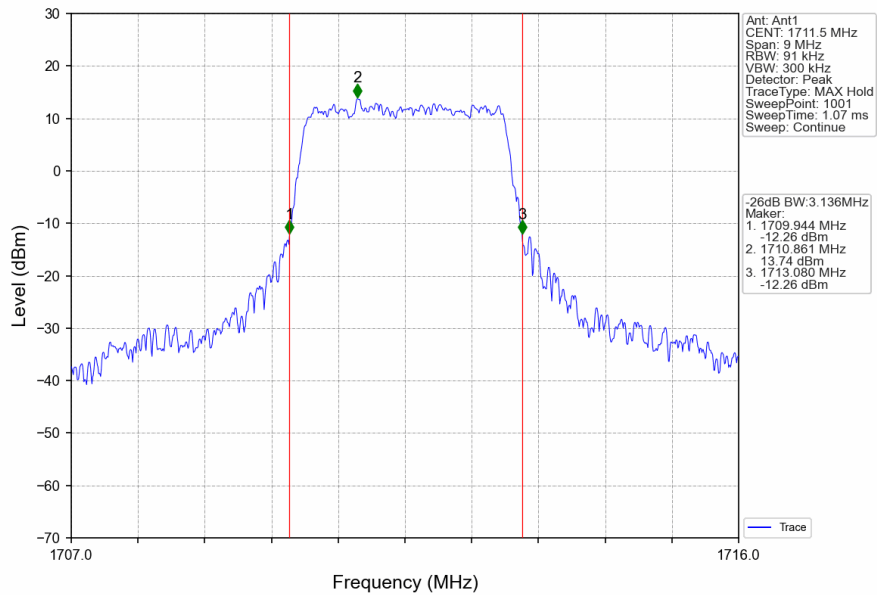
Band4_3MHz_QPSK_MCH_1732.5MHz_RB_15_0_NTNV



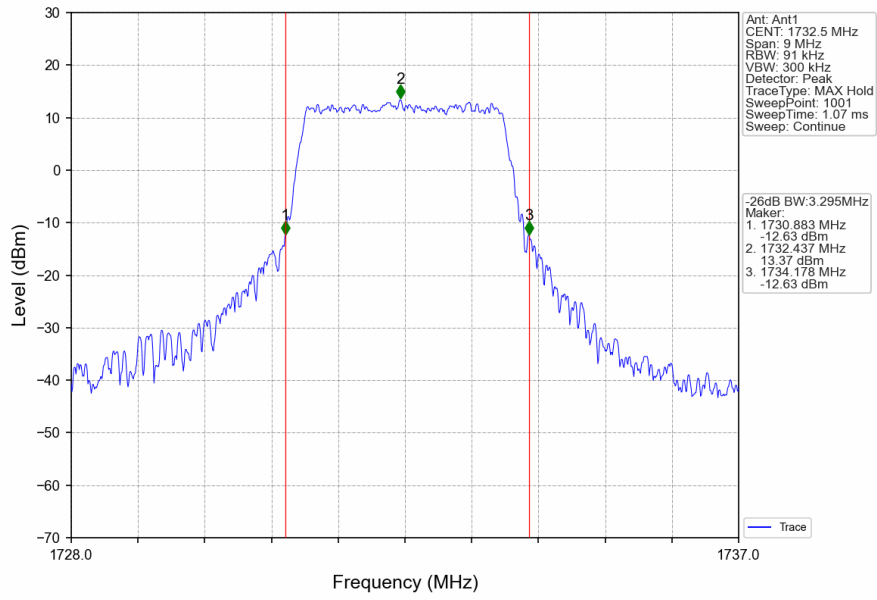
Band4_3MHz_QPSK_HCH_1753.5MHz_RB_15_0_NTNV



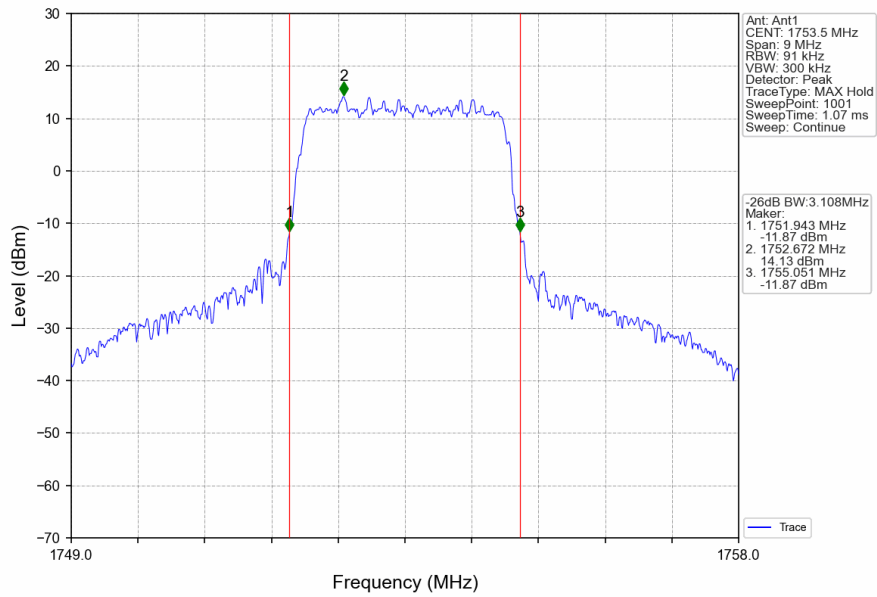
Band4_3MHz_16QAM_LCH_1711.5MHz_RB_15_0_NTNV



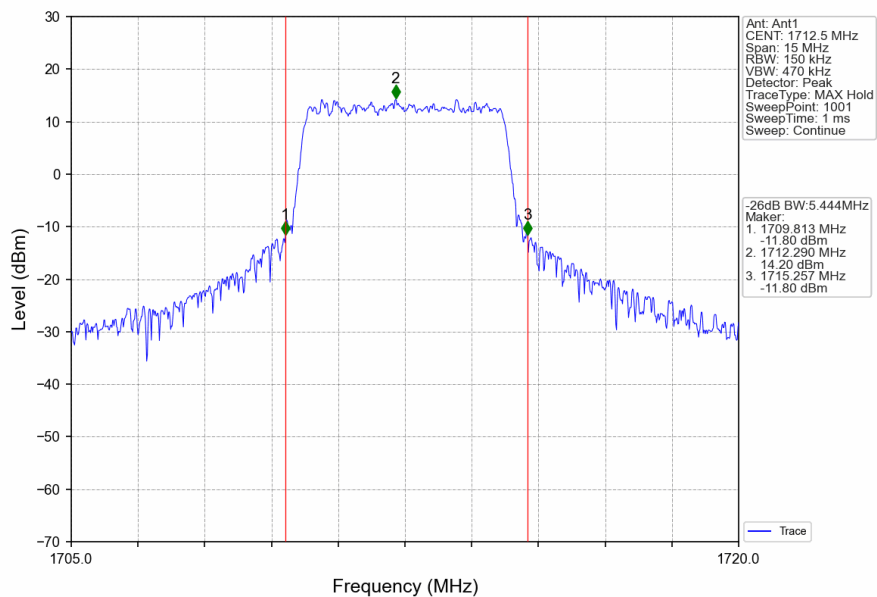
Band4_3MHz_16QAM_MCH_1732.5MHz_RB_15_0_NTNV



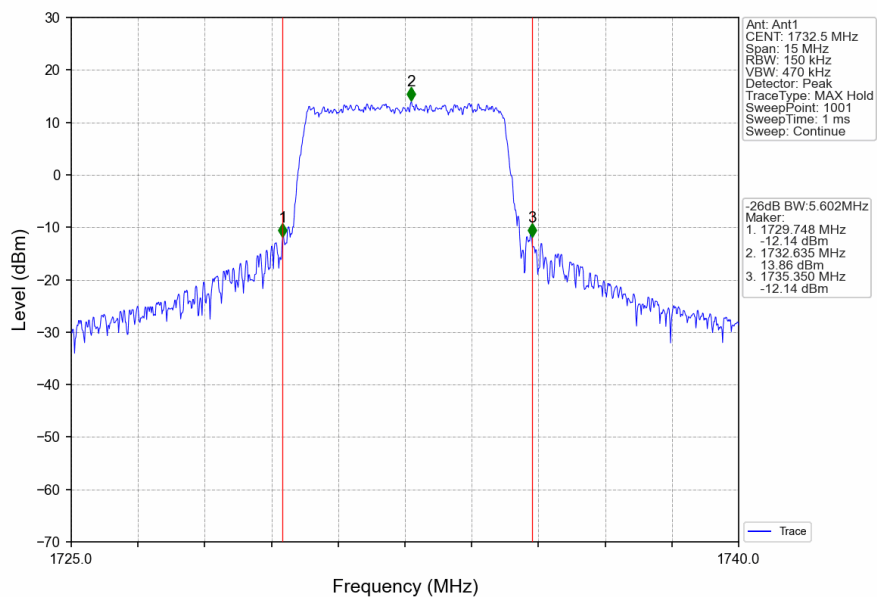
Band4_3MHz_16QAM_HCH_1753.5MHz_RB_15_0_NTNV



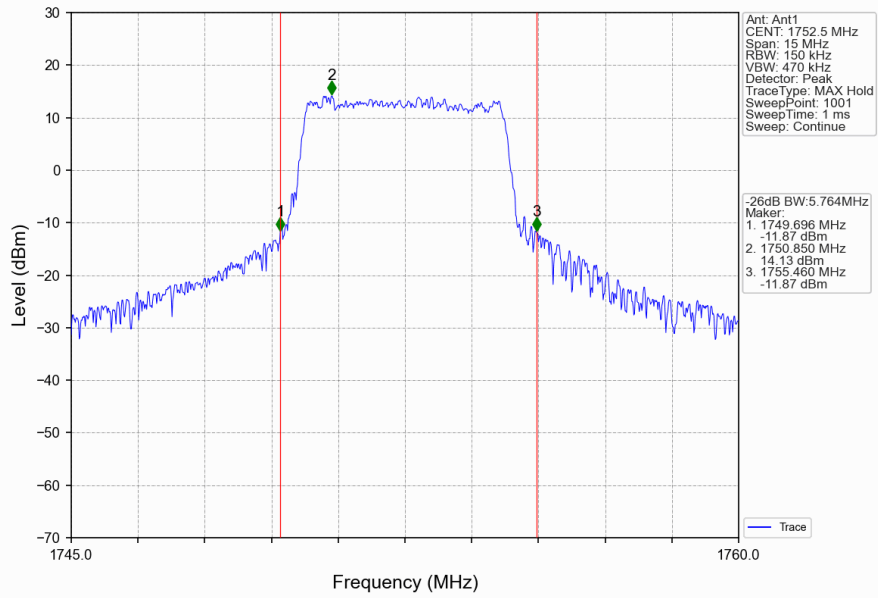
Band4_5MHz_QPSK_LCH_1712.5MHz_RB_25_0_NTNV



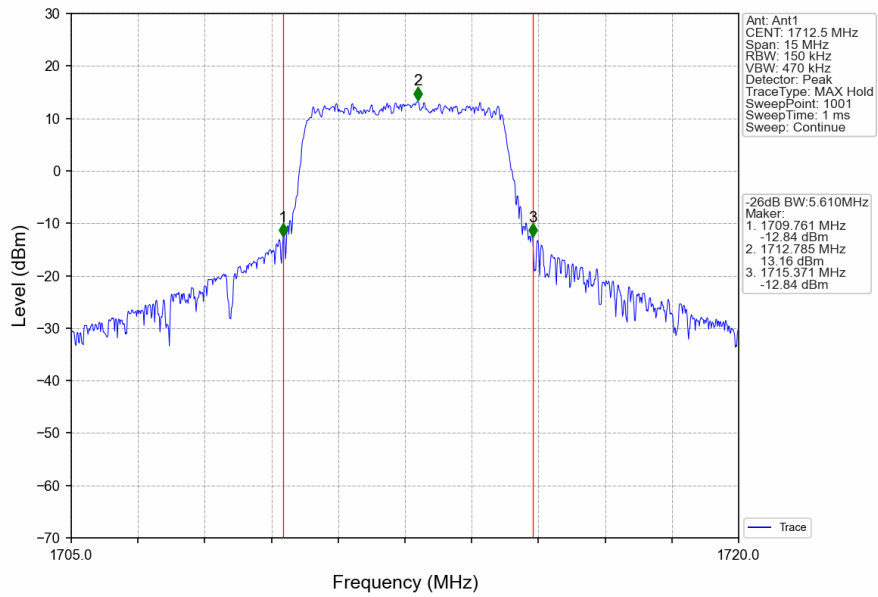
Band4_5MHz_QPSK_MCH_1732.5MHz_RB_25_0_NTNV



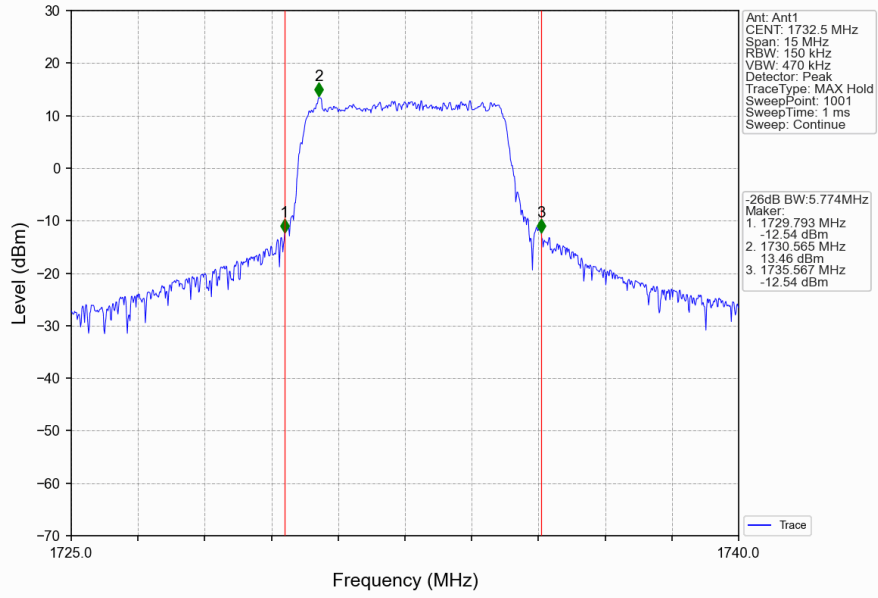
Band4_5MHz_QPSK_HCH_1752.5MHz_RB_25_0_NTNV



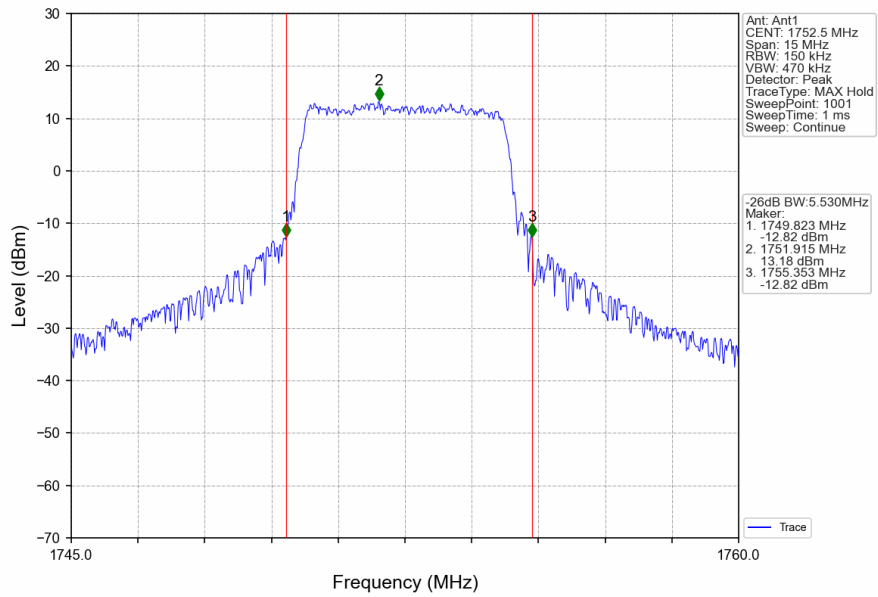
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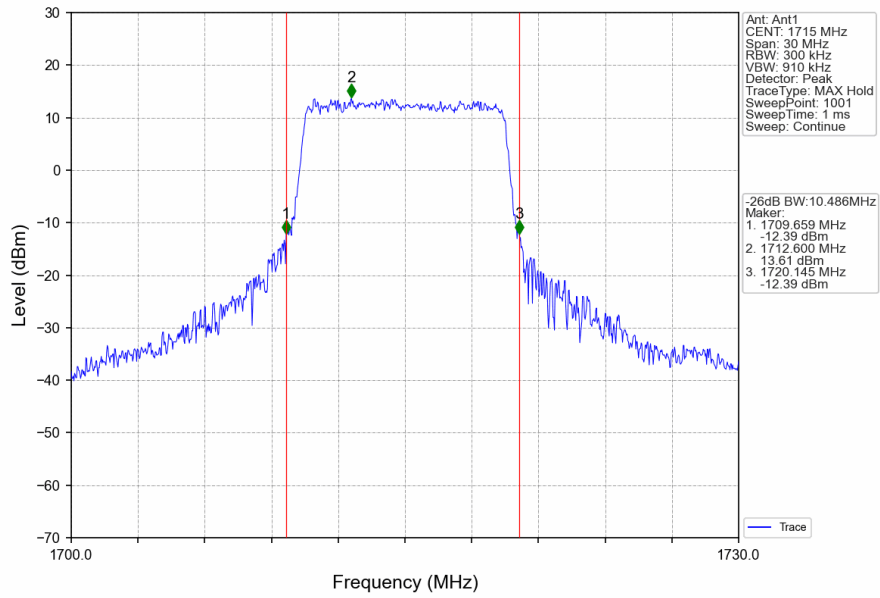
Band4_5MHz_16QAM_MCH_1732.5MHz_RB_25_0_NTNV



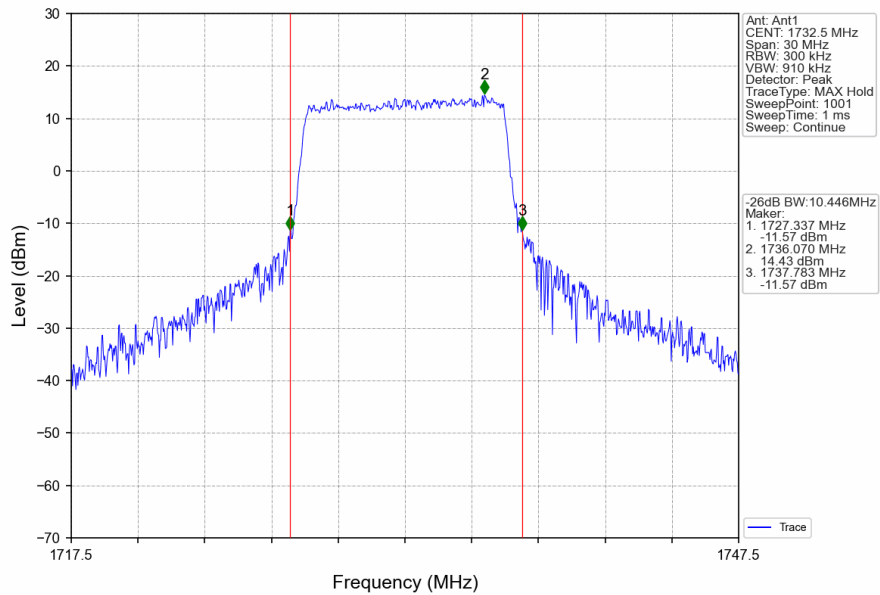
Band4_5MHz_16QAM_HCH_1752.5MHz_RB_25_0_NTNV



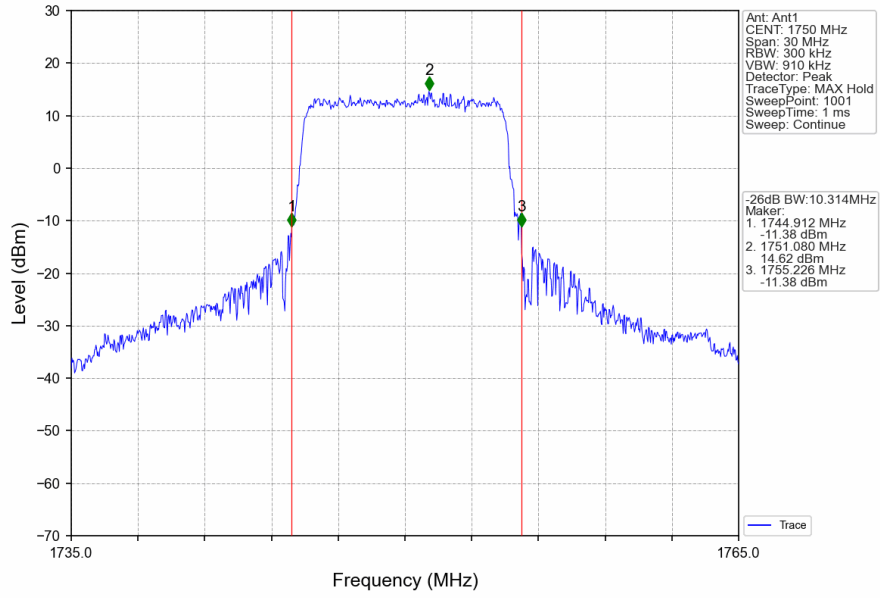
Band4_10MHz_QPSK_LCH_1715MHz_RB_50_0_NTNV



Band4_10MHz_QPSK_MCH_1732.5MHz_RB_50_0_NTNV



Band4_10MHz_QPSK_HCH_1750MHz_RB_50_0_NTNV



Band4_10MHz_16QAM_LCH_1715MHz_RB_50_0_NTNV

